

TOWN CLERK  
IPSWICH, MASS









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1634.

1899.

# REPORT

— of the —

## TOWN OFFICERS

— of —

Ipswich, Mass.,



— for the —

*Year Ending December 31st, 1898.*

— and the —

*Two Hundred and Sixty-fifth Year of the  
Town's Incorporation.*

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Ipswich, Mass.:  
The Chronicle Motor Print,  
1899



# TOWN OFFICERS, 1898.

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## TOWN CLERK.

CHARLES W. BAMFORD.

## SEECOMEN.

GEORGE A. SCHOFIELD, Chairman,

JOHN A. BROWN,

CHAS. E. GOODHUE,

## ASSESSORS.

GEO. A. SCHOFIELD, Chairman,

DANIEL S. APPLETON,

CHAS. E. GOODHUE.

## OVERSEERS OF THE POOR.

GEO. A. SCHOFIELD, Chairman,

CHAS. S. CUMMINGS.

DAN'L S. APPLETON,

## TREASURER AND COLLECTOR.

THOMAS E. CONDON.

## SCHOOL COMMITTEE.

JOHN W. NOURSE, (Chairman)

Term expires 1901

CHARLES W. BAMFORD,

" " 1901

JOHN H. COGSWELL, (Secretary)

" " 1899

HARRIET E. NOYES,

" " 1899

CHARLES S. CUMMINGS,

" " 1900

MILO H. GATES,

" " 1900

## REGISTRARS OF VOTERS.

J. FARLEY KINSMAN, (Chairman)

CHARLES W. BAMFORD,

CHARLES H. GLASIER,

LYMAN H. DANIELS

## AUDITOR

HENRY F. DUNNELLS.

## Constables.

FRANK B. PAGE,

CHARLES H. ROLLINS,

CHARLES T. LITTLEFIELD,

WILLIAM H. BROCKLEBANK,

## Water Commissioners.

WALTER E. LORD, (Chairman)

CHARLES W. BROWN,

WILLIAM A. STONE,

## Cemetery Commissioners.

PHILIP E. CLARKE.

SAM'L N. BAKER,

ERASTUS CLARK.

## Board of Health.

JAMES GRIFFING, Chairman,

LEVI W. MALLARD,

GEO. W. SMITH.

# Assessors' Report.

FOR THE YEAR ENDING DECEMBER 31, 1898.

## Appropriations :

For High and common schools.....	\$13500 00
Highways, including \$1000 00	
for sidewalks, edgestones and	
concrete.....	9000 00
Current expenses.....	3000 00
Street lamps.....	1500 00
Fees and salaries.....	4500 00
Fire department .....	1500 00
Poor account. ....	2500 00
Farm account.....	1500 00
Note, Green street bridge.....	500 00
Notes, Winthrop schoolhouse.....	1100 00
Sinking fund (Water account).....	1965 55
Hydrant service.....	1809 45
Memorial Day.....	150 00
Interest on town notes.....	1400 00
Discounts.....	575 00
Abatements.....	500 00
Care of cemeteries.....	1000 00
Care of commons.....	150 00
Total appropriations.....	\$46150 00



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Total appropriations.....	\$46150 00
State Tax.....	1725 00
County Tax.....	2576 97

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Total to raise.....	50451 97
Less receipts (estimated).....	5336 98

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Total amount assessed..... \$45114 99

Divided as follows :

Amount raised on polls.....	2354 00
“ “ “ personal property	9392 76
“ “ “ real estate.....	33368 23

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Total..... \$45114 99

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Number of Polls, 1177

Tax on Poll, \$2.00

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	1897	1898
Valuation Personal Estate, \$	758504 00	\$ 720911 00
“ Real “	2294021 00	2333445 00

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“ Total..... \$3052525 00 \$3054356 00

Rate of Taxation, \$14.00 per thousand.

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Number of horses and jacks	assessed	646
“ cows	“	711
“ neat cattle other than cows	“	200
“ sheep	“	13
“ swine	“	262
“ fowl	“	7350
“ dwelling houses	“	948
“ acres of land	“	16357

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At the annual meeting the sum of \$500 was appropriated for abatements for this year. Of this sum \$125.62 had been used by the last board for 1897 abatements and \$144.37 was used by the present board for 1897 abatement, and \$431.90 for 1898 abatements. The total for both years is \$701.89.

It was the desire of the Assessors to make a substantial reduction in the tax rate, and they did drop it from \$15.00 to \$14.00. It will be seen by a comparison of the valuation of the town for the past two years, that the decrease was not made, as is often the case, by raising the valuation, but by taking into consideration the earnings of the town for the year. We felt that the estimate of \$5336.98 was a safe one. The close of the year shows a balance of over \$3000, and also shows that had it not been for very unusual snow storm expenses, that balance would have been \$5000, and these facts justify the estimate. We believe that the tax rate of Ipswich should be kept at as low a figure as possible, without adopting a cheap policy, and we feel that by exercising care and judgment in making the appropriations at the annual meeting, it will be possible to make still further reductions in the tax rate.

Respectfully submitted,

Geo. A. Schofield,	}	Assessors of Ipswich.
Dan'l S. Appleton,		
Chas. E. Goodhue,		

Ipswich, Mass., Jan. 1, 1899.

# Town Clerk's Report.

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TO THE SELECTMEN OF IPSWICH,  
GENTLEMEN:

I would respectfully submit the following report of births, marriages and deaths recorded in this office during the year 1898.

The number of dogs licensed also appears showing the total number reported by the Assessors to have been duly licensed.

Births returned this date and recorded, 101.

Male children born during the year 54, female 47.

Twins were born in one instance only. The records show the nativity of parents as follows:—

Fathers born in Ipswich, 27.

Fathers born in other places in Mass., 22.

Fathers born in other parts of U. S., 9.

Fathers born in British Provinces, 26.

Fathers born in England, 6.

Fathers born in Ireland, 5.

Fathers born in Scotland, 1.

Fathers born in Sweden, 2.

Fathers born in Germany, 1.

Unknown, 1.

Total, 100.

Mothers born in Ipswich, 18.

Mothers born in other places in Mass., 21.

Mothers born in other parts of U. S., 11.

Mothers born in British Provinces, 36.

Mothers born in England, 5.

Mothers born in Ireland, 6.

Mothers born in Sweden, 2.

Unknown, 1.

Total, 100.

Births by months: January 9, February 4, March 6, April 8, May 8, June 6, July 6, August 11, September 6, October 11, November 15, December 11. Total, 100.

Marriages in Ipswich during the year ending Dec. 31 1898: whole number 47.

Grooms born in Ipswich, 12.  
 Grooms born in Mass., 12  
 Grooms born in other places in U. S., 8.  
 Grooms born in British Provinces, 11.  
 Grooms born in England, 3.  
 Grooms born in Sweden, 1.  
 Total, 47.  
 Brides born in Ipswich, 15.  
 Brides born in other places in Mass., 8.  
 Brides born in other places in U. S., 2.  
 Brides born in British Provinces, 18,  
 Brides born in England, 2.  
 Brides born in Ireland. 1.  
 Brides born in Sweden. 1.  
 Total, 47.

Oldest groom, sixty years of age; oldest bride, fifty-three years; youngest groom, eighteen; youngest bride, eighteen, five brides for the second, and eight grooms for the second.

Marriages recorded by months: January 3, February 1 March 6, April 3, May 3, June 6, July 5, August 4, September 3, October 6, November 4, December 3. By denomination, etc, Roman Catholic clergyman 9, Congregational 15, Episcopal 1, Baptist 7, Methodist Episcopal 9, denomination not given 5, Justice of the Peace, 1.

Whole number of deaths and burials returned 97.

80 years and over 9. Oldest person 89y 4m 4d.  
 70 " " " 11.  
 60 " " " 11.  
 50 " " " 11.  
 40 " " " 6.  
 30 " " " 7.

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20 years and over	7.
10    "    "    "	2.
Under 10 years	32.
Age unknown	1.

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Total	97
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Died in Ipswich, 82; home in Ipswich at time of death, 79; brought from other places, 15; stopping in town at date of death, 3. Total, 97.

Whole number of dogs licensed 212. Male dogs 197, female dogs 15. Total 212. 212 dogs were returned to me by the Assessors.

I would renew the statement made in former reports that more room should be arranged for the proper care of books, papers, reports and plans belonging to the town. They are constantly increasing; every year adds to the amount of valuable property of the town, property that should be kept and cared for. All of it is of use and the town records, reports and other documents are certainly of value as they are the history of the town. By the laws of the Commonwealth, the Clerks and other persons in charge of the records must see that they are kept in good condition and a suitable place provided for them. I would suggest that a small sum be appropriated for the purpose of having all books of record now in the care of officials properly repaired and bound.

Respectfully submitted,

Charles W. Bamford,

Town Clerk.

Ipswich, January 28, 1899.



# Police Report.

TO THE HONORABLE BOARD OF SELECTMEN:

I submit the following report for the year ending Dec. 31, 1898.

The total number of arrests made 117, as seen in the following list:

Assault and Battery.....	6
Assault on Officers.....	1
Burglary.....	2
Breach of peace.....	7
Breaking and entering.....	3
Drunkenness.....	76
Disturbing religious meeting.....	1
Embezzlement.....	2
Illegal fishing.....	3
Larceny .....	4
Non-support.....	1
Violation of fish laws.....	10
Vagrants .....	1
Total,	<u>117</u>

Amount of property reported stolen.....	\$365	50
Amount of property reported recovered.....	203	50

Number committed to House of Correction.....	33
“ “ “ Newburyport Jail .....	2
“ “ “ Salem Jail.....	1
“ “ “ Insane Asylum.....	5
“ “ “ Lyman School.....	1



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Number of Doors found open and secured. ....	9
“ “ Windows found open and secured....	1
“ “ Horses found loose.....	2
“ “ Dogs shot.....	4
“ “ Drowned bodies recovered.....	1
“ “ Persons killed by steam cars.....	1
Number of fire alarms rung.....	3

Respectfully submitted,

Frank B. Page.

Chief of Police.

Ipswich, Mass., December 31, 1898.

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## TRAMP REPORT.

FOR THE YEAR ENDING DECEMBER 31, 1898.

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Whole number of tramps cared for at the police station  
1920 as seen in the following report :

January	339
February	220
March	295
April	336
May	139
June	19
July	36
August	12
September	42
October	141
November	178
December	163
Total,	<hr/> 1920

In the first four months of the year the number of tramps was quite large as can be seen by the report and it was thought advisable to search each person applying for lodging, which has been done, and we think to a great extent it has been the means of keeping the record down to its present number.

Respectfully submitted,

Frank B. Page,  
Chief of Police.

Ipswich, December 31, 1898.

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## Report of the Board of Health.

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In presenting our report for the year 1898, the board are very much pleased to be able to report a far less number of cases of Contagious diseases reported than for a number of years past.

The whole number of cases reported for the year was 45 namely: Diphtheria and Croup, 27; Typhoid Fever, 15; and Measles, 3. The deaths due, and resulting from these diseases was 4, all from Diphtheria and Croup.

The Sanitary condition of the town has been very good, and complaints to the board of Nuisances have been very few, and these have been promptly investigated and our decisions and requirements met in a proper spirit, and our instructions carried out in a satisfactory manner.

Respectfully submitted,

James Griffing,	}	Board of Health.
Geo. W. Smith,		
Levi W. Mallard.		

# Report of Overseers of the Poor.

FOR THE YEAR ENDING DECEMBER 31, 1898.

## Poor Account.

### BILLS ALLOWED.

Paid Estate Ruth Baker,	rent.....	\$60 00
Ezra Merrill,	" .....	48 00
Chas. W. Spiller.	" .....	20 00
Susan Wait,	" .....	43 20
James W. Bond,	" .....	83 00
Estate W. G. Brown,	" .....	111 00
Nellie W. Augur,	" .....	24 00
Rose O'Connor,	" .....	45 00
Abbie King,	" .....	55 00
Martha J. Rutherford,	" .....	27 00
John Fletcher,	" .....	40 00
S. G. Brackett,	" .....	31 50
Jos. I. Horton,	" .....	9 75
Jerome Dondero,	" .....	28 00
Theo. F. Cogswell,	" .....	80 00
Fred S. Burnham,	" .....	40 00
		————— \$745 45

## FUEL.

Paid A. H. Peatfield,	coal and wood...	\$270 45
T. B. Fall & Son.	coal.....	3 15
Carter Brothers,	wood.....	12 00
		————— \$ 285 60

## SUPPLIES.

Paid F. T. Goodhue,	Groceries.....	\$135 00	
T. E. Condon,	" .....	57 74	
N. Burnham,	" .....	141 87	
L. E. Willcomb,	" .....	239 00	
Hart & Lord,	" .....	34 00	
A. P. Hills,	" .....	52 00	
C. Damon & Co.	" .....	30 88	
Dodge & Spiller,	" .....	92	
W. B. Richards,	" .....	16 00	
F. G. Brown & Co,	" and meat	88 00	
Geo. W. Tozer,	" and meat	55 00	
		————	\$850 41
S. H. Thurston, shoes and repairs		5 55	
I. E. B. Perkins,	" "	17 25	
W. W. Russell,	" "	3 00	
E. T. Pike,	" "	5 35	
Millett & Woodbury, shoes.....		95	
		————	\$ 32 10
W. E. Lord,	dry goods.....	1 18	
W. S. Russell,	" " .....	3 00	
C. W. Bamford,	" " .....	2 98	
		————	\$ 7 16
W. E. Tucker,	M. D.....	36 00	
C. E. Ames,	M. D.....	80 00	
Chas Palmer,	M. D.....	1 00	
Geo. G. Bailey,	M. D.....	22 00	
Geo. E. Macarthy,	M. D.....	51 00	
Geo. E. Macarthy,	M. D (Salary)	132 41	
		————	\$ 322 41
B. & M. R. R. Co. Fares Poor			
Travelers.....		7 55	
Geo. A. Schofield. Fares Poor			
Travelers.....		2 15	
		————	\$ 9 70

Paid E. R. Smith, Medicine.....	15 85	
C. W. Brown, " .....	6 60	
	-----	\$ 22 45
J. J. Andrews, Board of son.....	16 00	
J. K. Chapman, " " " .....	48 00	
Anna B. Wall, " " Carpenter child.....	55 96	
Rozillah Hobson, allowance from town.....	86 60	
Mrs H. Picard, allowance from town.....	30 00	
Augusta Currier, allowance from town.....	51 96	
Eliza Banner, allowance from town.....	55 00	
Anna Wall, allowance from Needham .....	48 00	
Annie Dole, allowance from Salisbury.....	72 00	
	-----	\$ 463 52
Mary E Jewett, nursing Mrs. L. Blake.....	17 00	
Edith Ingersoll, nursing Mrs. L. Blake.....	15 00	
Mrs. Nathan Jewett, nursing Mrs. Blake and Dolan.....	31 75	
Chas. H. Hare, board Mrs. Rick-er and nurse .....	15 00	
Laura Hubbard, music at funeral	5 00	
B. Scahill, board poor travelers	3 50	
S. C. Gordon. supplies.....	8 00	
P. E. Clarke, funeral expenses ....	63 50	
Geo. Haskell. " "	30 50	
Geo. W. Baker, care of tramps....	10 42	
John A. Brown, expenses.....	1 00	
Luther Wait, " "	1 30	

Paid C. S. Cummings, expenses.....	1 75	
D A. Grady, Hacks and carriages	19 00	
Warren Boynton, carriage.....	1 00	
American Express Co.....	45	
Chronicle Pub. Co., printing and advertising.....	11 50	
James Fall, labor.....	1 00	
G. H. W. Hayes, legal advice.....	4 00	
F. B. Scahill, labor.....	25	
A. J. Barton, auction.. ..	2 00	
	-----	\$242 92
Total,.....		<u>\$3025 72</u>

### POOR IN OTHER TOWNS.

Paid Rowley, aid to Peabody.....	33 75	
Gloucester aid to Lewis & Evans	112 50	
Salem, aid to Mrs. Currier.....	28 58	
Hamilton, aid to E. Bailey.....	41 37	
Salem Hospital, Anna Wall.....	20 00	
Commonwealth, board of Per- ley, Royal, Stone and Porter	203 85	
	-----	\$ 440 05
Total amt. paid for bills contracted in 1898,		<u>\$3465 77</u>

### BILLS CONTRACTED IN PREVIOUS YEARS AND PAID THIS YEAR.

Paid S. F. Lord, rent 1897.....	8 00	
F. T. Goodhue, supplies " .....	44 00	
N. Burnham, rent " .....	30 00	
Commonwealth. board " .....	97 04	
C. E. Ames, M. D. physician 1897	250 00	
T. E. Condon, supplies " .....	19 10	
Town of Topsfield, board 1895	48 00	
	-----	\$ 496 14
Total payments.....		<u>\$ 3961 91</u>



Received from Commonwealth.....	94 43	
Received from city of Boston.....	76 13	
Received from city of Salem.....	68 97	
Received from city of Gloucester.....	59 87	
Received from city of Lynn.....	26 50	
Received from town of Sherburne .....	56 00	
Received from town of Needham.....	156 12	
Received from town of Salisbury.....	48 00	
Received from town of Rowley.....	11 55	
Received from Mrs. J. A. Dodge.....	66 96	
Received from R. Stone.....	107 25	
Total.....	————	\$771 78

Due from Commonwealth.....	\$46 05	
Due from city of Boston.....	56 28	
Due from city of Salem.....	31 50	
Due from city of Gloucester.....	36 00	
Due from town of Needham.....	159 38	
Due from town of Salisbury.....	36 00	
Due from town of Topsfield.....	113 50	
Due from town of Rowley.....	78 70	
Due from town of Sherburne.....	58 00	
Due from Sales .....	35 00	
Total due.....	————	\$650 41

Total amount paid out.....		\$3917 91
Less amount received from other towns and cities.....	\$771 78	
Less amt. due other towns and cities	650 41	
	————	1422 19
Total cost of Ipswich Poor...		<u>\$2495 72</u>

## Poor Department.

DR.

SUMMARY.

CR.

Appropriation,	\$2500 00	Amt pd for Rent,	'98 \$745 45
Received from other		" " " Fuel,	" 285 60
towns and cities	771 78	" " " Supplies,	" 850 41
Due from other		" " " Shoes,	" 32 10
towns and cities	650 41	" " Physicians	" 322 41
		" " Allowances	" 463 52
		" " Incidentals	" 282 23
		" " other towns	" 440 05
		" " '97 and '95 bills	496 14
		Total	\$3917 91
		To Balance	4 28
Total,	\$3922 19	Total,	\$3922 19

## Town Farm.

### *Bills Allowed*

#### . PAID

George B. Brown, grain.....	\$564 60	
		\$564 60
Dodge & Spiller, groceries.....	83 05	
N. Burnham, " .....	29 79	
A. P. Hills, " .....	45 67	
T. E. Condon, " .....	39 12	
F. T. Goodhue, " .....	33 98	
Hart & Lord, " .....	23 50	
C. Damon & Co., " .....	50 78	
L. E. Willcomb, " .....	13 89	
N. J. Bolles, " .....	17 50	
G. H. Haskell, " .....	10 50	
C. W. Hayes, " .....	26 38	
H. C. Copp, " .....	19 98	
T. H. Lord, " .....	54 71	

W. B. Richards groceries and provisions	10 55	
F. G. Brown & Co., " " "	46 51	
G. W. Tozer, " " "	46 52	
A. P. Hills & Co., Provisions.....	28 56	
D. W. Kimball, " .....	31 69	
J. W. Perkins, " .....	30 43	
	-----	\$643 11
W. E. Lord, dry goods.....	14 35	
W. S. Russell, " " .....	19 08	
C. W. Bamford, " " .....	90	
S. N. Baker, clothing.....	11 00	
F. G. Langdon, " .....	14 75	
S. Silverman, " .....	8 30	
	-----	\$68 38
I. E. B. Perkins, boots and shoes.....	9 40	
S. H. Thurston, " " " .....	22 25	
E. T. Pike, " " " .....	9 35	
	-----	\$41 00
W. W. Delf, fish.....	1 37	
W. S. Atkinson, " .....	37 96	
E. J. Grant & Son, fish.....	7 33	
	-----	\$46 66
T. B. Fall & Son, coal.....	31 09	
J. M. Caldwell & Son, coal.....	27 50	
J. S. Glover, coal.....	7 12	
P. R. Eames, " .....	7 78	
	-----	\$73 49
D. S. Perley, cows.....	280 00	
	-----	\$280 00
Dirigo Creamery, butter.....	10 80	
L. H. Davies, " .....	39 50	
J. C. Batchelder & Co., potatoes.....	43 20	
Aaron Lord, potatoes.....	19 00	

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Wallace Carlisle. potatoes.....	10 00
A. D. Kinsman, hay.....	12 09
Carter Bros., grinding corn.....	8 67
W. J. Norwood    "        "        .....	10 32
C. O. Amazeen, supplies.....	14 62
J. Stackpole & Son, fertilizer.....	84 12
A. C. Damon, furniture.....	30 00
T. F. Cogswell, supplies.....	2 80
J. R. Richards, repairs and sundries.....	3 50
C. F. Chapman,    "        "        "        .....	42 95
E. L. Irving,        "        "        "        .....	9 94
C. W. Appleton. lumber.....	16 38
E. R. Smith, medicine.....	4 60
C. W. Brown,        "        .....	5 78
Willard Harris, express.....	4 95
American Express Co., express.....	1 00
J. Graffum, repairs.....	10 50
E. F. Akerman, repairs.....	3 90
M. Nolan, repairs.....	15 53
J. A. Smith, shoeing, etc.....	34 90
M. Newnan, supplies .....	4 24
A. H. Plouff,        "        .....	36 22
J. M. Dannels, supplies.....	40
J. W. Goodhue,        "        .....	68 66
Chronicle Pub. Co., subscr'tion & printing	4 25
Independent Pub. Co. subscription .....	1 50
F. B. Page, repairs.....	3 40
J. Durand,        "        .....	50
F. B. Page, expense capturing Fellows...	7 00

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 \$565 22

## LABOR.

## PAID

Charles W. Sylvester, superintendent.....	\$600 00	
Newcomb Brown.....	159 00	
Albert Rice.....	59 00	
P. Doherty.....	78 45	
William Wilson.....	75 00	
Belle McKenzie.....	156 00	
Ida Rand.....	13 00	
Lovica Lovely.....	91 00	
Eliza McKenzie.....	32 00	
	—————	\$1263 45
Edward F. Ready.....	2 00	
Eben Lord.....	3 25	
Charles Jewett.....	4 00	
Carter Bros.....	7 90	
Stephen Baker.....	14 00	
	—————	\$ 31 15
Total.....		\$3577 06
Bills paid by Superintendent.....		71 48
Total payment for 1898 bills.....		<u>\$3648 54</u>

## BILLS FOR 1897 PAID IN 1898.

J. A. Tucker, shoes and repairs.....	10 77	
S. H. Thurston, shoes and repairs.....	11 80	
T. E. Condon, supplies.....	10 22	
F. T. Goodhue, “.....	5 85	
S. F. Canney lumber.....	8 57	
Total.....	—————	\$47 21
Total payment made in 1898.....		<u>\$3695 75</u>

## Received from Sales from Farm.

Cream.....	\$513 88	
Milk.....	363 40	
Cows.....	213 00	
Pigs.....	110 50	
Calves .....	43 50	
Hay .....	97 31	
Eggs .....	62 66	
Pork .....	20 00	
Other sales.....	3 00	
	<u>————</u>	\$1427 25
Due for sales at Farm.....		168 50
Total sales.....		<u>\$1595 75</u>

Total amt. paid for support of Farm.....	\$3695 75
Total receipts .....	1427 25
Amount due Farm.....	163 50
	<u>————</u>
	\$1595 75
Balance, expence of poor at Farm.....	\$2100 00

Number of inmates at Farms during year.....	20
“ “ “ “ “ Jan. 1, 1899.....	16
Average cost per week for each inmate.....	\$2 02

## Summary.

DR.

CR.

To Appropriation	\$2000 00	Amt. pd. Grain	\$564 60
“ Sales at the Farm	1427 25	“ “ Groc. & provis.	643 11
“ Due Farm	168 50	“ “ Clothing	68 38
“ Balance	100 00	“ “ Boots & shoes	41 00
		“ “ Fish	46 66
		“ “ Coal	73 49
		“ “ Cows	280 00
		“ “ Incidentals	565 22
		“ “ Labor	1294 60
		“ “ by Supt.	71 48
		“ “ 1897 bills	47 21
Total,	<u>\$3695 75</u>	Total,	<u>\$3695 75</u>



# INVENTORY OF PROPERTY AT THE FARM.

## STOCK, TOOLS, ETC.

	1898		1899		INCREASE	DECREASE
	NO.	VALUE	NO.	VALUE		
Oxen - - - - -	2	\$150	2	\$150	\$	\$
Cows - - - - -	31	930	25	750		180
Heifers - - - - -			10	200	200	
Bulls - - - - -	1	40	1	40		
Horses - - - - -	4	400	4	400		
Colts - - - - -	1	100	1	50		50
Fat hogs - - - - -	13	260	15	225		35
Shoats - - - - -	1	5	16	40	35	
Pigs - - - - -	16	32	29	58	26	
Fowl - - - - -	100	50	100	50		
Horse wagons - - -	4	130	4	90		40
Horse wagons - - -	1	50	1	50		
Horse cart - - - -	1	70	1	50		20
Pung - - - - -	1	10	1	10		
Ox wagons - - - -	3	300	3	275		25
Ox carts - - - - -	2	75	2	75		
Mowing machines -	4	110	4	110		
Plows - - - - -	4	40	4	20		20
Cultivators - - - -	1	5	1	5		
Horse hoes - - - -	2	16	2	16		
Harrows - - - - -	4	60	4	50		10
Ox sleds - - - - -	3	50	2	40		10
Drag - - - - -	1	5	1	5		
Wood, cords - - - -	50	300	58	348	48	
Coal, tons - - - -	14	84	10	60		24
Groceries, - - - -		78		73		5
Dairy utensils - - -		140		140		
Furniture and bedding		450		450		
Range and fixtures -		145		145		
Stoves and furnaces -		130		130		
Winnowing mills - -	2	12	2	8		4
Wheel rakes - - - -	2	40	2	25		15
Tedders - - - - -	2	25	2	20		5
Tools - - - - -		100		75		25
Blocks and ropes - -		15		5		10
Harness - - - - -	6	100	6	90		10
Rack - - - - -	1	15	1	15		
Suction pump - - - -	1	4	1	4		
Windmill and tank -		200		200		
Potato digger - - -	1	20	1	20		
Scales - - - - -	1	23	1	23		
Fire extinguishers -	12	12	12	12		
Wheelbarrows - - -	2	6	2	6		
Screen - - - - -	1	5	1	5		
Totals, - - - - -		\$4792		\$4613	\$309	\$478

## PRODUCE, ETC.

	1898		1899		INCREASE	DECREASE
	NO.	VALUE	NO.	VALUE		
Corn, bushels - -	600	\$ 300	400	\$100		200
Beans, " - -	13	33	12	18		15
Potatoes, " - -	50	50	150	105	55	
Roots, " - -	10	5	25	12	7	
Onions, " - -		2				2
Apples, barrels - -	10	35	15	38	3	
Ice - -				60	60	
Pork, pounds - -	500	50	300	21		29
Soap, " - -	100	5	100	5		
Ham, " - -	50	7	40	4		3
Fish, " - -	80	5				5
Lard, " - -	50	7	20	2		5
Butter, " - -	50	15	30	8		7
English hay, tons -	65	1040	91	1092	52	
Salt hay, bl'k grass, tons	100	800	161	805	5	
Barley, fodder, tons -	10	100				100
Mulch, tons - -	6	30	3	12		18
Squash, - - -				10	10	
Straw, " - -	1	15	3	30	15	
Vinegar, gallons - -	120	18	180	27	9	
Cabbages - - -		30				20
Phosphate - - -	2	3	2	3		
Grain - - -		30		35	5	
Corn, fodder, tons -	4	20				20
Rowen, tons - -	8	80	17	136	56	
Totals, - -		\$2680		\$2523	277	434
Inven'y, stock, tools, etc		4792		4613	309	478
		\$7472		\$7136	586	912
		7136				586
		\$336				336

Summary of Income and Expenses at Town Farm  
for the Years 1895, 1896, 1897, 1898.

	1895	1896	1897	1898
Expenditures, - - - -	\$3480 73	\$3639.75	\$4078.43	\$3695.75
Income, - - - -	2305 36	1772.83	1719 68	1595.75

The year 1898 has been a hard year for poor people, and the demands upon the town for assistance have increased. It will be seen that the amount paid for groceries and meat alone this year, was double that of last year. Criticism is often made, to the effect that some dealers receive a larger share of trade than others. We think that it is proper that an explanation be made, and in that line would say, that those who are assisted ask for the privilege of trading with the grocer who has been supplying them, and as in many cases he has trusted them before they were assisted, it would be rather hard to withdraw their trade from him as soon as they are helped to pay their bills. For that reason, some dealers appear to get more than others, but we are of the opinion that in a series of years, it will nearly even itself up, and that it is not best to attempt to dictate as to where people shall trade.

It will be seen that we have separated the bills incurred in former years, from those of this year, among them being the bill of Dr. C. E. Ames, which was in the courts for settlement and which a committee appointed by the town settled for \$250.00.

After the organization of the present Board of Overseers it was voted to employ a town physician, and on April 11, Dr. Geo. E. Macarthy was elected to that position, and it was agreed that at the end of his term the other local physicians should be given an opportunity to fill the position, in order, if they so desired. The salary was fixed at \$200. for a year, and this included not only attendance but most of the medicine required. It was also voted that if a demand was made for a Homœopathic Physician that one should be furnished, as it was not our opinion that because a person is poor they should be compelled to accept the services of a school of medicine in which they do not believe. This stand has not cost the town much, for nine-tenths of the \$80, paid out on that account, was for patients whose bills are paid by other towns.

The work of the Town Physician has been very satisfactory, and has resulted in considerable saving to the town.

The bills for other physicians were mostly paid for services rendered before the town physician plan was adopted. We are pleased to call attention to the fact that although we have paid \$496.14 for bills contracted in previous years, that our total payments are \$4.28 inside of the appropriation made by the town.

It will not be necessary to tell the farmers that 1898 has been a hard year to make money from the sale of farm produce, and the Town Farm has suffered in common with others. In spite of this, however, the Overseers are pleased to say that the Farm has made a good showing, \$382 68 less having been spent than last year. The receipts have not been so large, but this is on account of falling values, and not on account of less work. The valuation of the property shows the same thing. We have not valued everything "the same as last year," but have tried to place a fair value on both stock and produce. Those who care to, will see by an examination of the comparative tables of 1898 and 1899, that we have made many changes in valuation, mostly decreases. For instance \$223. has been deducted from the value of wagons, tools etc., and in the case of corn, we have valued it at 25 cents per bushel, on the cob, while last year it was valued at 50 cents. There is also a great difference on hay, last year it was valued at \$16. per ton, this year at \$12 and as a matter of fact \$12. is all it has been worth during the year. Again, on Salt Hay and Black grass the average price is placed at \$5. per ton this year, and \$8. last year. The same rate of reduction has been made in most of the produce this year, and the result is that the valuation of the stocks, produce, etc., which was increased last year \$731, this year shows a decrease of \$336. We do not feel that we would be justified in keeping the valuation as it was, neither do we think it fair that a decrease in valuation should be charged to support of the inmates this year. If a gold mine had been discovered on the farm the inmates would not have been given the credit for the increased value and should not be charged with decreased values in crops



and farm tools. The fact that last year's hay crop and this year's also, are still at the farm, there being no market for hay, accounts for the decreased receipts. Taking everything into consideration we feel that the farm, has made a good showing, expenses having been materially reduced.

In conclusion we wish to say that Ipswich has always been generous in aiding the poor, and we feel that it is our duty not only to humanity, but to the town, to see that no worthy case coming to our attention is neglected. We have endeavored to maintain the high standard of the town in this line, both among the out door poor and at the farm, and in so doing, feel that we have done only what Ipswich expects of her officials. We recommend the same appropriations for 1899 as last year.

Respectfully submitted,

Geo. A. Schofield	}	Overseers
Chas. S. Cummings		of
Dan'l S. Appleton		The Poor.

# Schools.

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Bills allowed for the Manning and common schools during the year 1898.

## Manning School.

PAID

Trustees of Manningschool as per contract	\$1350 00
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## Teachers.

PAID

Joseph I. Horton.....	\$ 812 50
Lucy Hamlin.....	675 00
Carrie L. Lakeman.....	537 00
Annie C. Hatch.....	162 50
Bertha Crocker.....	312 50
M. Elma Smith.....	327 00
S. Isabel Arthur.....	445 75
Eva M. Purinton.....	415 00
E. Mable Adams.....	497 50
Eva A. Willcomb.....	386 50
Katherine F. Sullivan.....	346 00
Grace E. Smith.....	308 00
Kate C. Baker.....	361 00
Lucy A. Kimball.....	320 00
Mabelle R. Willis.....	387 00
Annie P. Wade.....	342 50
Myrta B. Decatur.....	305 00
Harriet D. Condon.....	300 00
Cora A. Smith.....	93 75
Louise S. Glover.....	270 00
Lizzie F. Todd.....	180 00
Martha U. Lord.....	243 75

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Carrie L. Daniels.....	20 00
Mary E. Archer.....	19 00
Edith F. Perley.....	262 50
Isabel G. Brown.....	93 75
Cora H. Jewett.....	237 50
Laura A. Hubbard.....	175 00
Susie L. Kimball.....	150 00
	<hr/> \$8897 00

### Books and Supplies.

#### PAID

Oliver Ditson Co.....	11 61
Jos. I. Horton.....	10 00
Thompson, Brown & Co.....	12 50
Boston School Supply Co.....	64
Ginn & Co.....	257 82
D. C, Heath & Co.....	23 16
J. L. Hammatt Co.....	90 74
Edward E. Babb & Co.....	168 31
Educational Pub. Co.....	1 18
Silver, Burdette & Co.....	26 26
Houghton, Mifflin & Co.....	20 95
Leach, Shewell & Co.....	34 73
E, M. Perry.....	91
American Book Co.....	82 29
Burdette College.....	11 50
George F. King & Co.....	98 57
Central School Supply House.....	4 20
Woodsworth Howland Co.....	5 00
Pinkham & Smith.....	2 85
Horace A Brooks .....	22 50
Warren School Book Co.....	4 80
Cambridge Botanical Supply Co.....	2 27
Chronicle Pub Co.....	80 90



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Independent Printing Co.....	25 00
H. D. Condon, paint, brushes, etc.....	21 49
E. R. Smith, sundry supplies.....	2 55
	—————\$1022 73

### Care of School Houses.

#### PAID

William P. Gould, janitor.....	275 00
William H. Kirk, “ .....	275 00
Robert Kinnear, “ .....	11 00
George E. Smith, “ .....	11 50
Martha U. Lord, “ .....	3 00
Willie Cameron, “ .....	7 00
Charles Bailey, “ .....	10 00
J. E. Phillips, “ .....	10 00
Charles Jewett, labor.....	9 00
Mrs. E. Hurlbut, cleaning.....	5 00
Mrs. Holtum, “ .....	15 80
Mary Kinnear, “ .....	6 60
S. E. Hayes, labor.....	2 00
J. B. Mitchell, cleaning vaults.....	31 00
W. H. Lavalette “ “ .....	1 50
C. W. Dodge, ringing bell.....	1 50
T. W. Augur, ringing bell.....	1 50
	————— \$676 40

### Fuel.

#### PAID

J. M. Caldwell & Son, coal.....	121 85
T. B. Fall & Son, “ .....	103 76
J. S. Glover, “ .....	106 05
P. R. Eames, “ .....	72 94
Carter Bros., wood.....	29 75
Oliver A Bailey, wood.....	13 50
T. Kinnear, “ .....	2 70

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Jos. R. Wilson, wood.....	14 00	
Seth Senior, " .....	14 00	
Walter K. Chapman, wood.....	7 50	
Thomas Traverse, sawing wood, etc.....	1 45	
A Hirtle, " " .....	3 50	
H. W. Conant, " " .....	3 75	
C. Bailey, " " .....	4 80	
Maynard Russell, " " .....	2 75	
W. H. Brocklebank, labor.....	2 00	
	————	\$504 30

## Repairs.

## PAID

C. H. Baxter, Painting.....	\$ 14 13	
F. C. Hicks, Setting glass, etc.....	10 00	
J. H. Lakeman, Painting.....	13 85	
S. F. Foss, Setting glass, etc.....	2 85	
Geo. W Spiller, Painting.....	1 40	
Fred Elwell, Painting.....	26 97	
E. J. Faxon, material for stairs.....	61 11	
Foster Russell, Labor and stock.....	71 49	
John S. Spiller, " .....	2 00	
A. W. Gould, " .....	5 30	
W. A. Spiller, " .....	4 15	
Chas. H. Lord, " .....	60	
E. W. Choate, " " ".....	15 25	
Asa R. Brown, " " ".....	6 75	
W. L. Johnson, " .....	1 50	
S. F. Canney, lumber.....	99 54	
J. W. Goodhue, sundries.....	28 29	
A. H. Plouff, plumbing, etc.....	73 79	
J. M. Dunnells, plumbing, etc.....	1 50	
	————	\$440 47

## Incidentals.

## PAID

J. T. Heard Lodge, F. & A. M. pictures...	4 00
Geo. S Perry & Co, Furniture.....	264 18

Grand Rapids School Furniture Co.....	16 53	
B & M R R Co, Freight bill.....	17 87	
G. B. & E. St. R. R. Co, Transportation...	120 00	
D. A Grady, Transportation and carriage	101 75	
W. Boynton, carriage hire.....	1 00	
West & Granger, Advice.....	20 00	
Geo. A. Schofield, P. M., Stamps.....	4 00	
Geo. P. Smith, P. M. Stamps.....	2 50	
Rev. David Meares, Address.....	25 00	
Geo. U. Manning, Flag Staff.....	4 00	
Mrs. C. S. Tyler, Ribbon.....	8 10	
W. E Lord, Supplies.....	89	
F. T. Goodhue “.....	85	
T. F. Cogswell “.....	45	
Water Dept., Water.....	57 22	
American Ex Co.....	3 30	
Jackson “ “.....	20 65	
Tenney's Express .....	7 84	
Mallards “.....	3 85	
Howe's “.....	2 70	
		\$686 68

## Summary.

DR

CR

To Appropriation	\$13500 00	By amt. pd. Trustees	
“ Amt. rec. from Mass.		“ Manning School	\$1350 00
“ School Fund	195 02	“ amt. pd. Teachers	8897 00
“ Amt. rec. from dog lic.	440 23	“ “ “ Books & sup-	
“ “ “ other towns		“ plies	1022 73
“ for tuition,	84 69	“ amt. pd. care of school	
		“ houses	676 40
		“ amt. pd. for Fuel	504 30
		“ “ “ Repairs	440 47
		“ “ “ Incidentals	686 68
		“ “ to balance	642 36
Total,	\$14219 94	Total,	\$14219 94

# Fees and Salaries.

## Selectmen.

### PAID

Geo, A. Schofield,.....	\$125 00	
John A. Brown.....	102 09	
Charles E. Goodhue,.....	56 25	
Luther Wait,.....	25 00	
	-----	\$308 34

## Assessors.

### PAID

George A. Schofield, .....	\$125 00	
Dan'l S. Appleton,.....	75 00	
Charles E. Goodhue,.....	56 25	
John A. Brown,... ..	33 33	
Luther Wait,.....	25 00	
	-----	\$314 58

## Overseers of the Poor.

### PAID

George A. Schofield,.....	\$125 00	
Charles S. Cummings.....	75 00	
Dan'l S. Appleton,.....	62 50	
John A. Brown,.....	33 33	
Luther Wait,.....	25 00	
	-----	\$320 83

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Chas. W. Bamford, town clerk.....	\$100 00	
Thomas E. Condon, treas. and col.....	600 00	
Henry F. Dunnells, auditor.....	50 00	
	-----	\$750 00

## Schools.

### PAID

Chas. S. Cummings, committee.....	82 10	
Milo H. Gates, " .....	80 00	
Harriet E. Noyes, " .....	83 50	
John W. Nourse, " .....	43 30	
Geo. E. Macarthy, " .....	5 66	
John H. Cogswell, " .....	76 25	
Chas. W. Bamford, " .....	41 25	
John H. Cogswell, purchasing agent .....	75 00	
John H. Cogswell, taking school census..	20 00	
F. B. Page, truant officer.....	15 00	
W. H. Brocklebank, truant officer.....	15 00	
	-----	\$537 06

## Registrars.

### PAID

Chas. W. Bamford,.....	\$30 00	
J. Farley Kinsman,.....	20 00	
C. H. Glasier,.....	20 00	
L. H. Daniels, .....	10 00	
Warren Boynton,....	10 00	
	-----	\$90 00

## Police.

### PAID

Frank B. Page,.....	\$289 90
Charles T. Littlefield,.....	272 60
Charles H. Rollins,.....	82 00
W. H. Brocklebank,.....	424 50
Frank C. Hull .....	366 75
A. S. Garland, .....	277 80
Henry Stevens,.....	4 50
Nath. Lord,.....	8 50
C. M. Perley,.....	3 50
C. M. Jewett,.....	15 25

Charles W. Rogers,.....	6 00	
E. L. Irving,.....	6 50	
Newell M. Jewett,.....	5 25	
Wm. H. Jewett, 2d.....	5 00	
James A. Lord,.....	5 75	
Arthur W. Conant,.....	5 00	
W. B. Atkinson,.....	4 00	
H. L. Cook,.....	2 50	
		—————\$1785 30

### Constables.

#### PAID

F. B. Page, posting warrants.....	\$10 00	
W. H. Brocklebank, posting warrant.....	5 00	
C. H. Rollins, posting warrant .....	5 00	
		————— \$20 00

### Board of Health.

#### PAID

James Griffing,.....	50 00	
George W. Smith,.....	50 00	
Levi W. Mallard,.....	50 00	
		————— \$150 00
George W. Baker, keeper of lockup,.....	\$40 59	
C. A. Sayward, moderator,.....	10 00	
C. W. Bamford, recording deaths, etc.....	79 41	
Geo. E. Macarthy, M. D. returning births	3 50	
C. E. Ames M. D.                               “       “	2 00	
W. E. Tucker, M. D.                           “       “	15 50	
P. E. Clarke, returning deaths.....	18 00	
		————— \$169 00



## Election Officers.

### PAID

Chas. W. Woodbury, teller, '97 and '98...	\$12 50
James N. Webber, " .....	7 50
Geo. H. Lord, " .....	7 50
Fred B. Saunders, " .....	7 50
Howard S. Hills, " .....	7 50
Chas. S. Willcomb, " .....	7 50
Chas. H. Glasier, " .....	7 50
Nath'l Archer, " .....	7 50
W. B. Atkinson, " .....	7 50
C. S. Tyler, " .....	7 50
Wm. Marshall, " .....	7 50
Geo. P. Smith, " '96, '97, '98...	23 00
W. E. Girard, " .....	5 00
Lewis D. Pickard, " .....	5 00
John J. Carey, " .....	5 00
H. A. Russell, " .....	5 00
C. Chester Caldwell, " .....	5 00
John W. Patterson, " .....	5 00
John W. Mansfield, " .....	5 00
Fred O. Hart, " .....	5 00
E. L. Irving, " .....	5 00
A. I. Sayory, " .....	5 00
G. H. W. Hayes, " .....	5 00
----- \$165 50	

## Summary.

DR

CR

To Appropriation	\$4500 00	By amt. pd. Police	\$1785 30
" Balance	110 61	" " " School officials	537 06
		" " " Bd. of Health	150 00
		" " " Constables	20 00
		" " " Registrars	90 00
		" " " Auditor	50 00
		" " " Other officials	1978 25
Total,	\$4610 61	Total,	\$4610 61

## Fire Department.

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### PAID

Engineers of fire department.....\$	90 00
Masconomet Steamer Co .....	218 75
Gen. Sutton Hook & Ladder Co.....	300 00
Neptune Hose Co.....	190 00
Torrent Engine Co.....	120 00
Fred C. Rust, steward.....	30 00
Henry Stevens, ".....	20 00
J. H. Baker. ".....	10 00
C. W. Canney, engineer of steamer .....	14 00
John E. Norman, labor on steamer.....	15 75
E. N. Brown fuel, oil. etc.....	7 50
T. B. Fall & Son, coal.....	37 41
Carter Bros., wood.....	4 00
Millett, Woodbury & Co., use of whistle	16 00
J. M. Caldwell & Son, fuel.....	19 45
A. P. Hills, supplies.....	2 52
J. M. Dunnells, hose.....	2 50
A. D. Mallard, express.....	2 95
J. W. Goodhue, supplies.....	21 87
T. E. Condon. ".....	1 29
Foster Russell, labor.....	1 00
W. B. Richards, hauling engine.....	1 00
D. A. Grady, hauling engine.....	3 00
Frank H. Howe, express.....	1 00

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Eagle Oil Co, oil.....	1 00
N. Y. Nozzle Co, nozzle.....	25 00
Thomas P. Thomas, concreting.....	88 50
E. L. Irving, repairs.....	2 00
Nath. Archer, labor, hose house.....	52 61
C. Damon & Co, supplies.....	2 70
Fred Carter, teaming gravel.....	3 00
Edw. W. Choate, labor .....	5 60
Arthur C. Damon, supplies.....	5 95
G. H. W. Hayes, advice.....	1 00
Jackson Ex., express.....	1 26
James Graffum, hose reels.....	61 50
James Graffum, repairs and painting.....	8 50
Carter Bros., use of horses.....	6 00
S. F. Canney, lumber.....	6 76
A. H. Plouff, sundries and repairs.....	13 08
S H. Stevens labor.....	3 20
Alfred Young “.....	1 00
Jere Brocklebank “.....	1 20
James R. Merry “.....	1 00
M. Nolan “.....	80
J. H. Baker “.....	3 00
Luther Lord “.....	1 70
John H. Baker “.....	4 40
J. E. Grant “.....	30
Robert Gove “.....	30
Geo. Scott “.....	30
James Scott “.....	30
G. A. Pickard “.....	30
J. R. Patch “.....	30
C. H. Cummings “.....	30
A. D. Mallard watching fire.....	2 25
Ed. Poole “ “.....	2 25
Geo. Otis “ “.....	2 50
W. W. Wait “ “.....	2 25

Henry Stevens	"	".....	1 50
Wm. Wallace	"	".....	5 75
			-----\$1449 34

Summary.

DR

CR

To Appropriation	\$1500 00	By cash paid,	\$1419 34
		" balance,	50 66
Total,	\$1500 00	Total,	\$1500 00

Street Lamps.

PAID

John Duprey, care of lights, contract.....	\$620 00
John Duprey, extra lights and nights.....	111 78
J. A. Lord, care of lights....	200 00
Ipswich Gas Co., gas.....	213 16
Dodge & Spiller, oil, chimneys, etc.....	135 63
C. W. Brown, mantles, etc.....	69 90
J. W. Goodhue, lamps, glass and sundries	70 19
M. Nolan, irons.....	12 40
J. M. Dannels, lanterns and repairs.....	3 85
Foster Russell, setting posts, etc.....	36 25
Independent Pub. Co, printing.....	1 50
Tenney's express, express.....	75
A. H. Plouff, lamps, glass, etc.....	19 65
S. F. Canney, posts.....	6 80
-----\$1501 86	

DR.

Summary.

CR.

To appropriation.	\$1500 00	By bills paid,	\$1501 86
" balance,	1 86		
Total,	\$1501 86	Total,	\$1501 86

# Current Expenses.

## Town Hall.

### PAID

G. W. Baker, janitor and care of tramps	\$256 46
G. W. Baker, work on booths.....	3 00
Wm. H. Brocklebank, janitor and care of tramps,.....	116 50
T. B. Fall & Son, coal.....	54 88
J. M. Caldwell & Son, coal.....	50 72
J. S. Glover, coal.....	39 80
Ipswich Gas Co., gas.....	166 56
Charles W. Brown, gas supplies.....	13 95
J. W. Goodhue, sundries.....	10 69
T. E. Condon, ".....	2 36
M. Newman, ".....	4 05
W. E. Lord, ".....	1 33
A. H. Plouff, " and repairs.....	19 00
Mrs. Wm. Clark, cleaning.....	1 25
Henry F. Tong, labor.....	10 00
Chas W. Spiller, ".....	2 70
J. A. Morey, ".....	1 00
Nath'l Archer, ".....	75
T. F. Cogswell, insurance.....	27 80
W. S. Russell, flag.....	9 00
	————— \$791 80

## Hall Improvements.

### PAID

J. A. Morey, digging trench.....	\$13 80
Robert Spencer, digging trench.....	7 80
Chas. W. Spiller, digging trench.....	10 80
J. Howard Lakeman. painting, etc.....	20 50
Foster Russell, labor.....	20 99
A. C. Damon, desks, tables, etc.....	61 00
M. Nolan, sharpening drills.....	4 50
T. F. Cogswell, pipe.....	19 64
Chas. H. Rollins, mason.....	4 59
D. A. Hodgkins, labor and stock.....	44 82
A. H. Plouff, heating plant.....	87 00
Austin Lord, labor.....	35 77
S. F. Canney, lumber.....	43 21
A. H. Plouff, sink, gas fittings, etc.....	30 22
	————— \$404 55

## Contagious Diseases.

The following bills were contracted by the Board of Health and paid on their order, they having full charge of contagious disease cases.

### PAID

Lizzette Ross, nursing Annie Boudreau...	\$29 00
Chester B. Caverly, board Boudreau and nurse.....	25 50
Geo. W. Smith, postage, etc.....	2 37
Dexter McIntyre, labor.....	1 80
E. Morin, groceries.....	10 40
Chronicle Pub. Co., printing regulations and cards.....	23 25
American Express Co.....	30
E. R. Smith, medicine to Babcock.....	7 80
G. G. Bailey, M. D. attendance, Ely.....	14 00



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W. E. Tucker, M. D., attend. Boudrean..	\$6 00	
Thomas C. Shaw, labor on brook.....	2 00	
Geo. Haskell, burying Vallier child.....	12 00	
Albert Cox, burying dog..... ..	1 00	
Independent Pub.Co, printing regulations	23 51	
Mrs. John Wilders, care Mrs. Mack.....	19 75	
Delphine Begin, nursing.....	13 50	
George G. Bailey, M. D., attendance, Ely	16 00	
G. F. Macarthy, M. D. attend. E. Begin..	10 00	
G. G. Bailey, M. D. attendance Belliveau	4 45	
Salem Hospital, Belliveau case.....	54 29	
	<hr/>	\$276 92

### Water Department.

#### PAID

Appropriation for sinking fund and hy-	
drant service.....	\$3775 00
	<hr/> \$3775 00

### Cemeteries

The following bills were contracted by the Cemetery officials and were paid on their order:

#### PAID

Barton & Williams, steps and labor.....	\$128 70
Ipswich Water Department, water.....	6 38
F. T. Goodhue, supplies.....	1 55
Wm. H. Kirk, labor.....	3 88
G. A. Pickard, " .....	136 10
J. W. Goodhue, supplies.....	7 00
Thomas P. Thomas, concrete.....	116 40
John R. Patch, labor.....	46 60
Howard N. Jewett, labor.....	31 00
Newell M. Jewett, labor.....	10 00
Edmund Ready, " .....	8 60
J. B. Scott, " .....	23 40

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M. D. Jones & Co., supplies.....	\$14 00
James Griffing, labor.....	41 50
T. F. Cogswell, supplies.....	2.25
Luther A. Lord, labor .....	41 40
Chas. Jewett, " .....	47 50
N. R. Underhill, " .....	2 00
Luther Lord, " .....	182 10
Ward F. Kenney, " .....	1 00
James Kinnear, " .....	13 00
Charles H. Rollins, " .....	41 00
James Ready, " .....	41 40
J. B. Mitchell, " .....	4 80
A. H. Plouff, sundries.....	6 35
P. E. Clark, labor.....	50 12
Erastus Clark, labor.....	95 25
John H. Baker, " .....	36 00
Carter Bros., teaming .....	6 50
	— — — — \$1145 78

### Soldiers' Relief.

#### PAID

Thomas L. Jewett, allowance.....	\$27 00
David M. Pingree, " .....	70 00
Izannah Graves, " .....	44 00
Frederick Willcomb, rent.....	44 00
Mrs. Wm. Lord, No. Andover, allowance	154 49
Mrs. Goodwin, Beverly, " .....	24 00
Mrs. Thomas Doyle, allowance.....	24 00
P. E. Clarke, burial Indigent soldiers.....	35 00
Lucy Kimball, allowance.....	44 00
	————— \$466 49

## Parks.

The following bills were contracted by Park Commissioners and paid on their order for care of parks and shade trees.

### PAID

B. F. Fewkes, labor.....	\$19 85
Chas. W. Spiller, labor.....	57 90
John W. Goodhue, supplies.....	26 28
E. W. Fewkes, labor.....	5 60
J. W. Goodhue, fertilizer.....	2 00
Benj. Fewkes, labor and plants.....	100 00
F. T. Goodhue, seed.....	30
	——— \$211 93

## Incidentals.

### PAID

J. W. Goodhue, supplies for buoys.....	\$4 11
Gen. James Appleton Post W R C, over-charge .....	9 00
Gen. James Appleton Post, appropriation	150 00
Brackett Bros, rent of pound.....	5 30
P. B. Murphy, printing.....	2 00
J, C. Heymer & Son, town seals .....	3 95
George A. Schofield, census.....	15 00
C. E. Goodhue, census.....	15 00
D. S. Appleton, " .....	15 00
M R. Warren, blanks, letter press, etc...	14 47
G. H. W. Hayes, deed and advice.....	3 75
John A. Brown, flag staff.....	75 00
Chas H. Rollins, labor flag staff.....	34 83
Chas M. Jewett. " " " .....	1 76
F. F. Byron, flag.....	23 00
P. R. Eames, cement.....	5 50
T. E. Condon, stamps, etc.....	32 58
James Graffum, painting hearse.....	35 00

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A. D. Wells, labor at pound.....	2 00
George A. Schofield, expenses.....	6 25
D. A. Grady, carriage hire.....	7 00
Fairbanks Co., weigh hooks.....	10 00
David Hinkley, meals for registrars.....	2 00
Walter Sheppard, ringing bell.....	47 63
L. Wait, car fare.....	2 00
American Ex. Co., express.....	3 96
Independent Printing Co., printing re- ports, advertisements, blanks, etc	129 60
A. D. Mallard, delivering reports.....	12 50
C. E. and J. A. Brown, boundary spars...	10 00
John A. Brown, expenses to Boston.....	3 63
C. O. Olson, meals for registrars and tellers.....	16 50
G A. Schofield, P. M.. stamps, etc.....	21 00
Chronicle Pub.Co, printing assessors list, ballots, tax bills, blanks, adver- tisements, etc.....	157 12
Dan'l S. Appleton, cattle inspector.....	6 30
J. Howard Lakeman, painting settees....	24 43
T. C. Tilton, carriage.....	30
Horace Brooks, binding reports.....	26 00
Jackson Ex Co., express.....	6 50
F. C. Hull, printing.....	1 00
A. D. Mallard, express.....	5 95
Tenney's Ex., express.....	30
George W. Baker, meals for prisoners....	29 70
John W. Goodhue, rope for flag.....	1 32
John W. Goodhue, supplies.....	22 69
Water Department, use of battery.....	70
Chas. E. Goodhue, copying for state.....	25 00
B & M R R Co, mileage book.....	20 00
Geo. P. Smith, P. M., stamps.....	3 50
Geo. A. Schofield, expense of witnesses to Boston, whistle hearing.....	8 85
Warren Boynton, carriage.....	75
John G. Sperling, repairing flag.....	75

C. H. Rollins, dog warrant expense.....	10 00
E. R. Smith, supplies and telegram.....	14 75
Commonwealth, counting machine .....	5 00
Edward Darling, picture.....	1 00
H. L. Cook, care of buoys.....	20 00
John F. Wippich, care of clock, etc.....	25 00
Water Department, service.....	14 31
J. A. Brown, expense telephone case.....	2 50
C. E. Goodhue, " " " .....	1 00
G. A. Schofield, " " " .....	1 00
	<hr/> \$1155 04

DR.

## Summary.

CR.

To appropriations,		By amt. pd. town hall	\$791 80
current expense	\$3000 00	" " " town hall	
Memorial day	150 00	improvements	404 55
		" ant. pd. contagious	
Water dept.	3775 00	diseases	276 92
Cemeteries	1000 00	" amt, pd. water dept.	3775 00
		" " " cemeteries	1145 78
Parks	150 00	" " " soldiers' rel'f	466 49
To Balance	152 51	" " " parks	211 93
		" " " incidentals	1155 04
Total,	<hr/> \$8227 51	Total	<hr/> \$8227 51



# Highways and Bridges.

## District No. 1.

ARTHUR W. CONANT, SURVEYOR.

### Snow Account.

#### PAID FOR LABOR, Etc.

John R. Patch.....	5 80
F. E. Kimball.....	2 50
D. H. Wells.....	80
James Fall.....	3 60
Perry Grant.....	3 00
W. E. Barton.....	9 80
Alfred Barton.....	3 00
Geo Dort.....	1 80
J, T. Harris.....	5 40
Wm. H Burnham.....	5 60
Nath'l Lord.....	2 60
Henry Churchill.....	6 30
Michael Reddy.....	16 90
Wm H. Jewett.....	1 60
John Rollins.....	80
G. H. Brocklebank.....	2 40
John Doyle.....	10 20
T. W. Baxter.....	1 00
T. H. Reddy.....	1 00
J. McLaughlin.....	6 60
Frank E. Gill.....	5 50
Thomas W. Hayes.....	5 40



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F. A. Ross.....	\$7 20
Levi Howe.....	7 40
Samuel P. Foster.....	60
R. J. Bruce.....	1 20
Chester Patch.....	4 00
William E. Manning.....	4 50
L. M. Blaisdell.....	10 70
Wm H. Bodwell.....	4 50
T. R. Lord.....	28 20
Alfred Young.....	3 10
Chester Caverly.....	2 60
Wm Flemming.....	4 70
Ambrose Young.....	24 70
Geo Otis.....	11 80
Wm Plummer.....	80
Eratus Clark.....	10 50
J. M. Caldwell & Son.....	7 50
J. W. A. Hayes.....	2 50
Enos Titus.....	5 90
Caleb Hurlbut.....	7 40
E. G. Damon.....	10 00
E. Girard.....	16 20
W. Girard.....	5 80
J. A. Doyle.....	2 40
George Scott.....	10 80
Albert Willard.....	7 60
E. E. Wells.....	1 40
A. S. Hills.....	2 80
E. Cogswell.....	1 00
G. W. Spiller.....	80
J. Thibedeau.....	3 60
Silas Crooker.....	1 20
James Clark.....	1 40
Maynard Russell.....	6 40
Fred Carter.....	19 70
Jeremiah Sullivan.....	14 20
Frank Sullivan.....	1 40
J. F. Barton.....	3 60

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C. W. Spiller.....	3 20
Frank C. Hull.....	80
J. F. Ready.....	2 00
George H. Tenney.....	2 10
John C. Low.....	5 10
John H. Baker.....	16 60
Elmer Wiley.....	7 20
R. Fiendell.....	2 40
Eestate William G. Brown.....	55 80
W. W. Walton.....	3 00
W. H. Collins.....	1 20
A. Butler.....	1 20
J. A. Morey.....	18 80
M. Laffy.....	9 60
G. H. Hills.....	9 20
E. A. Hall.....	3 00
Silas Stone.....	1 40
Thomas Roberts.....	2 30
Ed Poole.....	3 10
W. L. Stone, Jr.....	9 40
George W. Brown.....	3 80
W. F. Brocklebank.....	7 60
Walter P. Ross.....	1 00
Charles Dorr.....	3 60
William P. Ross.....	5 00
T. B. Fall & Son.....	25 70
J. B. Scott.....	9 20
Smith E. Hayes.....	3 30
Arthur Sheppard.....	4 30
D. Minnehan, Jr.....	5 60
D. Minnehan.....	10 50
Leander Jewett.....	2 00
Amos Parsons.....	2 00
Peter Girard.....	1 00
W. F. Ellsworth.....	2 40
Odbur Hurlbut.....	2 60
R. L. Gove.....	6 60
Raymond Dodge.....	1 40

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Arthur Montgomery.....	80
Fred R. Hull.....	80
T. C. Shaw.....	1 00
M. J. Judge.....	6 00
James Scott.....	2 50
G. A. Pickard .....	1 50
Chas H. Cummings.....	6 20
Luther A. Lord.....	1 50
Ernest Carter.....	8 80
Chas Graffum.....	1 40
C. F. Damon.....	2 20
Wm Ewing.....	3 00
Irving Hurlbut.....	1 40
Fred Elwell.....	2 50
Frank Barton.....	1 00
Henry L. Cook.....	1 40
Albert Felton.....	3 40
Frank Hicks.....	3 60
George W. Plouff.....	1 60
Robt. Spencer.....	2 40
R. J. Greenleaf.....	3 60
G. W. Upton.....	40
E. C. Rust.....	1 40
Wm Sheppard.....	1 40
Wm T. Lewis.....	4 00
Henry Hapgood.....	1 40
Edgar Weeks.....	2 60
Geo H. Lord.....	1 30
Frank H. Howe.....	1 60
Jos. A. Nason.....	3 00
F. W. Thompson.....	4 60
Everett A. Harris.....	1 80
S. F. Foss.....	3 60
Frank H. Jewett.....	1 60
R. V. Villiers.....	2 80
Michael Young.....	1 80
James Young.....	1 80
Geo Player.....	1 80

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Allan Doyle.....	1 80
J. W. A. Hayes.....	2 00
Paul R. Eames.....	4 00
Jerry Jedrey.....	1 60
Herbert Witham.....	6 80
John Grant.....	3 20
Walter Grant.....	1 00
Wm A. Clark.....	1 20
Wm Curtis.....	1 00
Fred B. Saunders.....	1 20
J. R. Richards.....	1 20
Thos. C. Hill.....	2 00
George M. Lord.....	1 20
Levi Howe.....	1 00
John J Davis.....	1 00
Albert Fairfield.....	90
Wm. Wallace.....	1 60
H. C. Copp.....	2 60
Albert Lord.....	1 00
Arthur W. Conant.....	24 00
Alonzo Brown.....	1 00
Harold Poor.....	2 40
Edward Davis.....	2 60
F. H. Cogswell.....	1 00
John T. Harris.....	1 00
Wm. Daniels.....	1 00
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\$779 50	

## District No. 2.

NATHANIEL T. LOW, SURVEYOR

### PAID FOR LABOR, Etc.

Nathaniel T. Low.....	52 05
Edward A. Spiller.....	13 70
W. F. Brocklebank.....	11 60
Fred Hull.....	1 80
Arthur Montgomery.....	6 90

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W. L. Stone Jr .. .. .	11 70
Irving Brown.....	9 60
Frank C. Hull.....	2 00
Geo Dort.....	4 50
James Cameron.....	2 10
Jere Brocklebank.....	5 00
Wm A. Mayo.....	2 30
J, F. Claxton.....	6 00
T. B. Fall & Son.....	1 00
Chas. Gwinn.....	1 30
Jas. Fall.....	1 30
Geo Brocklebank.....	2 90
Frank Barton.....	1 30
Roy Brocklebank.....	8 10
Geo Spiller.....	80
Benj. Barton .....	1 20
Clarence Leet.....	4 20
Fred Grant.....	6 00
Lester Short.....	3 20
Odber Hurlbut.....	2 40
Sam'l Kilborn.....	1 20
Charles Damon.....	4 80
Richard Greenleaf.....	1 80
G. W. Brown .....	2 20
Geo. H. Brocklebank.....	3 50
Geo Spencer.....	3 80
E. A. Hall.....	7 00
Silas Crocker.....	3 00
Clarence Grant.....	4 00
Ed Poole.....	40
Frank H. Jewett.....	60
Raymond Dodge.....	80
D. H, Wells.....	2 60
James Hull.....	6 90
Chas Dorr.....	1 00
A. B. Clark.....	2 00
John Rollins .....	80
Alonzo Brown.....	1 40

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Robt Spencer.....	4 90
S Caswell.....	2 50
J J Hull.....	1 60
Wm Sheppard.....	1 00
E C Rust.....	1 00
Elmer Andrews.....	5 30
James Scott.....	1 20
G A Hodgdon.....	3 00
John Dolan.....	3 20
F E Lord.....	3 00
T R Roberts.....	80
Wm H Jewett.....	4 20
Wm Ready.....	10
E G Damon.....	1 40
	----- \$243 95

### District No. 3.

ALLAN W. BROWN, SURVEYOR.

#### PAID FOR LABOR, Etc.

W B Atkinson.....	4 00
D Witham.....	11 60
J Cronin.....	7 60
Alfred Young.....	8 00
J. Atherley.....	6 40
C W Spiller.....	6 20
Alonzo Butler .....	6 60
Robt L Gove.....	3 00
John Dorr.....	25 20
Wm E Barton.....	5 60
J H Hull.....	13 60
J H Hull Jr.....	4 60
W H Jewett.....	3 00
Leander Jewett.....	7 60
John T Harris.....	7 80
Arthur Sheppard.....	3 80



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Charles Small.....	10 10
Wm Soar.....	8 60
Geo W Plouff.....	5 00
Alfred Norman.....	23 00
Walter F Gould.....	21 60
John E Norman.....	13 60
John Morehouse.....	24 00
Isaac Foss.....	18 50
A W Brown.....	110 50
John E Dodge.....	8 60
E C Smith.....	9 60
Wm H Bird.....	2 60
Wm Daniels.....	8 40
Arthur Atkinson .....	2 00
W M Atkinson.....	2 00
Chas W Smith.....	18 20
W H Burnham.....	7 00
Odbur Hurlbut.....	80
J W Newman.....	3 40
E P Grant.....	3 80
Alfred Barton.....	2 00
Geo Gilmore.....	1 00
Henry Churchill.....	3 00
Henry Fries.....	2 00
W W Wait.....	7 60
Gustavus Kinsman.....	7 50
I H Bridges .....	10 40
Albert Jodrey.....	2 00
J H Lakeman.....	1 00
Frank McGilfrey.....	4 60
B F Fewkes.....	2 80
S J Wakeham.....	3 40
Frank Bird.....	1 60
David Hinckley.....	3 40

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Geo McGilfrey .....	3 60
A W Bray .....	1 20
J Howard Burnham.....	1 60
Fred Elwell.....	1 80
Frank Barton.....	1 80
Ambrose Young.....	3 50
Jos De La Haye.....	1 80
E G Damon.....	40
Irving Hurlbut.....	40
C F Damon.....	40
Wm A Clark.....	40
Henry Hapgood.....	40
Wm T Lewis.....	40
Frank Gove.....	80
E C Currier.....	2 80
H L Cook.....	4 60
Chas Dorr.....	1 40
Wm P Ross.....	3 50
B H Smith.....	1 40
	----- \$510 40

### District No. 4.

JOHN GALBRAITH, SURVEYOR.

#### PAID FOR LABOR, Etc.

Augustine Stone.....	5 70
J F Kinsman .....	23 00
R W Bolles.....	3 00
John Galbraith.....	18 20
Alden Story.....	15 50
F E Moulton.....	1 00
J Newbury.....	1 00
Herbert Sheperson.....	4 70
W Girard .....	1 00
W A Clark.....	1 00
James Scott.....	1 00
W Scott.....	1 00
	----- \$76 10

**District No. 5.**

CARL CAVERLY, SURVEYOR.

## PAID FOR LABOR, Etc.

J B Brown.....	\$10 00
Frank Smith.....	2 20
J B Caverly.....	17 15
George Woodbury.....	6 60
G L Woodbury.....	3 80
George E Smith.....	17 15
H H Story.....	13 60
W H Story.....	7 20
Asa R Brown.....	12 80
Charles Patch.....	10 20
E K Brown.....	16 20
W P Walker.....	4 80
E C Story.....	13 70
J E Burnham.....	3 60
Jos Dupray.....	4 80
Rees Jenkins.....	1 20
Frank Brown.....	2 00
J Bray.....	2 00
	————— \$149 00

**District No. 6.**

J. W. CARLISLE, SURVEYOR.

## PAID FOR LABOR, Etc.

J W Carlisle.....	\$49 25
Joseph Marshall.....	2 60
W G Horton.....	41 00
T M Norman.....	39 25
C G Brown.....	6 00
W H Girard.....	3 80
S Gordon.....	11 80

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G F Barker.....	1 90
H Jeffs.....	2 90
J Young.....	2 90
G Hopping.....	4 20
W A Clark.....	3 80
R Whittier.....	6 50
T A Howe.....	5 00
John McLaughlin.....	4 20
W F Kinsman.....	30 80
Eben Moulton.....	22 80
J Goodwin .....	6 80
A Young.....	5 40
John Holtum.....	10 80
Wm Holtum.....	11 20
C B Caverly.....	3 50
	———— \$275 80

**District No. 7.**

E. NEWTON BROWN, SURVEYOR.

## PAID FOR LABOR, Etc.

E N Brown.....	\$41 20
A S Brown.....	43 60
F G Cross.....	63 20
B R Horton.....	21 00
	———— \$169 00

**District No. 8.**

JOHN M. FALL, SURVEYOR.

## PAID FOR LABOR, Etc.

J H Brown.....	9 60
Geo Hopping.....	4 20
G A Tibbetts .....	5 20
John McLaughlin .....	5 80
A B Fellows.....	24 60
D W Appleton.....	1 20

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H H Wall.....	7 20	
J E Fellows.....	3 20	
John M Fall.....	11 80	
John Goodwin.....	6 90	
A E Scotton.....	18 00	
Ralph Haskell.....	5 20	
Chas Whiting.....	5 20	
		———— \$108 30

## District No. 9.

AARON LORD, SURVEYOR.

### PAID FOR LABOR, Etc.

Aaron Lord.....	\$17 40
Joseph R Wilson.....	9 10
W B Sturgis.....	10 20
J S Whittier.....	1 80
Fred Brown.....	13 10
Oliver Smith.....	1 60
T Sweeney.....	6 70
J O Smith.....	10 70
Edmund Ready.....	8 90
E J Ready.....	8 10
Dan'l Spiller.....	6 60
Chas W Spiller.....	4 90
David Low.....	17 20
Frank Ellsworth.....	3 30
Amos W Bray.....	4 50
C B Eastman.....	11 20
H E Sturgis.....	5 20
Raymond Lord.....	6 80
Albert S Brown.....	18 40
R H Brown.....	5 60
Asa Burnham.....	7 80
Enos Manthorn.....	12 00
Frank Daniels.....	6 40

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C A Campbell.....	4 90	
Maynard Whittier.....	47 10	
	-----	\$249 50

## District No. 10.

WILLIAM F. WARNER, SURVEYOR.

### PAID FOR LABOR, Etc.

Wm F Warner.....	\$55 85
Seth Senior.....	6 50
Wm Goodhue.....	7 80
Chas Steele.....	6 80
John Andrews Jr.....	3 60
W B Andrews.....	3 40
Austin Morse.....	9 40
Eben Hurlbut.....	7 05
M Driscoll.....	6 10
G R Bradford.....	3 10
John Gerry.....	7 30
Frank Phillips.....	11 20
John Purinton.....	8 40
Eugene Sullivan.....	12 70
Peter Quill.....	22 40
Est W G Brown.....	11 30
R Fiendel.....	5 90
Alfred Young.....	2 00
Chester Caverley.....	2 00
Geo B Brown.....	6 80
S G Brackett.....	4 90
Jos Martell.....	4 50
Thomas Boylan.....	3 20
Brackett Bros.....	6 30
Wm Fessenden.....	1 80
Enos Titus.....	2 50
Sam'l White.....	3 20



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Chas McIntyre.....	3 50	
Elmer Wiley.....	1 40	
Michael Young.....	70	
	————	\$231 60

## District No. II.

THOMAS R LORD, SURVEYOR.

### PAID FOR LABOR, Etc.

T R Lord.....	23 65
W F Ellsworth .....	14 90
F H Hicks.....	6 10
W L Dresser.....	5 30
R V Villiers .....	5 00
Vetal Theot.....	4 90
John Foss.....	4 10
T A Howe.....	4 50
N M Jewett.....	12 70
Eben Lord.....	9 70
Thomas D Gould.....	4 60
J B Richards.....	6 00
N R Underhill.....	3 50
J H Low.....	4 00
S F Foss.....	1 60
N L Blaisdell.....	1 00
H N Jewett.....	14 00
J C Lowe.....	2 00
Walter Hicks.....	11 40
G A Pickard.....	1 00
Horace Ellsworth.....	6 30
J W Moore.....	4 10
C H Baxter.....	4 80
H W Conant.....	40
J C Warren.....	1 00
John R Patch.....	3 70
D G Chapman.....	4 70
W F Burnham.....	4 40

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D McIntyre.....	11 70
F B Saunders.....	5 80
Jos Leno.....	4 70
E S Greenleaf.....	8 80
Spencer Gwinn.....	6 85
A H Rutherford.....	3 10
G M Bodycott.....	1 90
J W Burns.....	6 20
Thos Marriott.....	5 30
Thos Barney.....	4 90
Harry Marriott.....	4 20
James Sheppard.....	10 00
Garfield Polly.....	3 40
W K Chapman.....	8 40
Dennis Bryant.....	2 20
Fred Sheppard.....	3 60
Geo Gwinn.....	2 30
Frank Gill.....	3 80
O F Thompson.....	3 60
A H Walton.....	2 40
Geo H Hills.....	4 00
John H Baker.....	7 50
Edw Smith.....	40
A H Rutherford.....	1 90
E L Rutherford.....	2 30
Frank Barney.....	2 70
Thos C Hills .....	4 20
Levi Howe.....	3 40
Williard Harris.....	3 00
Wm A Burnham.....	3 40
James McLaughlin.....	4 00
S R Harris.....	3 90
S P Foster.....	2 60
Oscar Pickard.....	1 40
Thos H Lord.....	72

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W B Copp.....	1 30
F W Thompson.....	1 20
Thomas Baxter.....	40
	———— \$320 82

## District No. 12.

J. C. CONANT, SURVEYOR.

### PAID FOR LABOR, Etc.

C W Conant.....	12 77
N Saunders.....	7 80
J C Conant.....	18 30
Arthur Saunders.....	3 00
Benj Melvin.....	6 20
Edw Chapman.....	2 00
Jewett Jeffes.....	3 60
H B Lewis.....	80
John S Spiller.....	6 93
Chas Bradley.....	7 40
W C Frost.....	7 63
W H Lavalette.....	7 75
W O Conant.....	20 82
H W Conant.....	1 50
F L Frost.....	5 80
Arthur Saunders.....	3 60
E C Mitchell.....	3 60
I W Mitchell.....	1 80
D M Pingree.....	90
W G Garrette.....	6 20
W Garrette.....	6 20
H Garrette.....	6 40
W H Conant.....	60
H W Lavalette.....	6 80
Geo A Tibbetts.....	7 75
	———— \$156 15

**District No. 13.**

D. S. PERLEY, SURVEYOR.

## PAID FOR LABOR, Etc.

James Kinnear.....	25 07	
Thos Kinnear.....	11 80	
Walter Farnum.....	7 71	
John Hart.....	3 00	
Henry Stone.....	6 00	
L. R. Stone.....	7 10	
D. S. Perley.....	28 20	
Benj Gebart.....	9 00	
Jewett Jeffes.....	5 60	
A. T. Guilford.....	5 30	
N. Foster.....	1 40	
	————	\$110 18

**District No. 14.**

CHARLES M. PERLEY, SURVEYOR.

## PAID FOR LABOR, Etc.

A S Howe.....	60	
Clarence Howe.....	12 05	
Harry Welch.....	2 20	
C Hills.....	1 30	
O M Hills.....	10 40	
O G Lauer.....	3 90	
L H Perley.....	8 90	
C M Perley.....	23 35	
D S Perley.....	80	
W H Farnum.....	2 85	
John Hart.....	6 10	
T H Hart.....	6 10	
Geo K Farnum.....	7 35	
	————	\$85 90

**District No. 15.**

CHARLES JEWETT, SURVEYOR.

## PAID FOR LABOR, Etc

John A Smith.....	52 90
John A Brown.....	22 90
Chas Jewett.....	40 00
J B Mitchell.....	15 20
Chester Lord.....	60
W E Garrette.....	2 40
J W Ready.....	22 60
C R Lord.....	60
Chas E Brown.....	11 40
Walter G Brown.....	6 80
Jos Chaput.....	12 80
Geo Harris.....	7 40
R Turner.....	6 40
Wm. Ready.....	20 00
E Walton.....	60
J Dupray.....	8 60
Edward Smith.....	18 80
H Garrette.....	3 20
T W Kent.....	12 60
C St Cyr.....	1 20
Ed Elwell.....	80
C Kent.....	6 80
James Ready.....	22 60
DR Johnson.....	2 00
J E Houlding.....	8 20
Chas Ricker.....	4 80
Geo Rutherford.....	3 00
Jesse Rutherford.....	7 00
Edw Ready.....	8 00
Howard Chase.....	7 00
John F Ready.....	8 00
Fred Noyes.....	6 20
Jesse Brown.....	11 00

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Geo Day.....	9 40
Chas W Smith.....	2 00
Elmer C Smith.....	2 00
Thomas Burns.....	4 00
T H Ready.....	1 00
Frank Bodwell.....	10 00
Geo H Low.....	2 00
J C Low.....	2 00
	———— \$394 80

**District No. 16.**

DAN'L S. APPLETON, SURVEYOR.

## PAID FOR LABOR, Etc.

James Dillon.....	9 30
J C Forbes.....	3 30
J Hirtle.....	4 10
Alex Hirtle.....	3 50
W A Mitchell.....	3 40
Thomas Marriott.....	5 40
Thomas Donahue.....	6 40
L D Pickard.....	4 10
D S Appleton.....	14 00
Otis Lambert.....	3 50
A C Goodwin.....	9 70
Geo Dewar.....	4 00
J Donovan.....	3 90
J W Nourse.....	1 80
C B Guilford.....	2 50
H D Pickard.....	6 40
Chas Bailey.....	4 10
Michael Donahue.....	1 60
Dan'l Donahue.....	10 60
H H Jellison.....	2 00
J F Bradstreet.....	1 30
A E Jewett.....	2 30
	———— \$107 20



### Summary of Snow Bills, '98.

District No. 1.....	\$ 779 50
“ “ 2.....	243 95
“ “ 3.....	510 40
“ “ 4.....	76 10
“ “ 5.....	149 00
“ “ 6.....	275 80
“ “ 7.....	169 00
“ “ 8.....	108 30
“ “ 9.....	249 50
“ “ 10.....	231 60
“ “ 11.....	320 82
“ “ 12.....	156 15
“ “ 13.....	110 18
“ “ 14.....	85 90
“ “ 15.....	394 80
“ “ 16.....	107 20
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	\$3968 20

Following is a table of the total amount paid for snow bills for the past four years.

'95	'96	'97	'98
\$1247 02	\$818 77	1976 64	\$3968 20

The severe storms of 1898 have made the snow bills larger than ever before.

# Highways and Bridges.

## District No. 1.

ARTHUR W. CONANT, SURVEYOR.

### PAID FOR GRAVEL AND LABOR, Etc.

Arthur W Conant.....	\$399 50
Thomas Shaw.....	4 00
Smith E Hayes.....	41 20
Arthur Sheppard.....	4 00
Geo Otis.....	7 00
John A Doyle.....	4 00
W E Girard.....	2 50
A S Hills.....	2 80
Fred Carter.....	32 50
Est W G Brown.....	36 25
Eugene Girard.....	7 10
Samuel Foster.....	2 60
Clayton Jewett.....	3 00
Chas W Spiller.....	5 00
Michael Reddy.....	3 70
J M Caldwell & Son.....	21 00
Walter Scott.....	3 00
Erastus Clark.....	4 50
A Peatfield.....	4 00
C V Hills.....	1 00
Geo B Brown.....	2 50

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Alfred Young.....	12 30
Chas Pitman.....	80
Albert Felton.....	1 00
Estate A Carter.....	5 00
John Patch.....	12 90
Leander Jewett.....	4 00
R Gove.....	11 60
E A Hall.....	4 00
Geo H. Brocklebank.....	3 50
Silas Crocker.....	33 60
Hale Wait.....	5 50
J White.....	60
John Sherburn .....	5 00
C W Smith.....	2 00
Allan W Brown.....	26 25
L A Lord.....	21 90
A D Mallard.....	5 00
Jeremiah Sullivan.....	31 90
Wm P Ross.....	29 25
G W Plouff.....	1 50
C H Rollins.....	2 00
H Palmer.....	20
Henry Churchill.....	75
G F Barker.....	17 50
Albert Fairfield.....	2 00
Wm Burnham.....	2 00
James McLaughlin.....	3 60
James Holt.....	6 20
P R Eames.....	5 00
Leander Blaisdell.....	2 50
James Scott.....	1 80
Wm E Barton.....	1 60
Lewis Manthorn.....	2 00
Maynard Russell.....	2 80
T B Fall & Son.....	17 50
Wm Clough.....	7 00
John Doyle.....	18 00
G A Pickard.....	3 05

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D A Grady.....	20 00
Charles McIntye.....	3 90
Wm Flemming.....	4 10
H B Brown.....	10 75
Benj H Smith.....	4 50
Herbert Witham.....	4 00
Edmund Ready.....	2 00
David Mulcahey.....	1 40
Geo H Tenney.....	1 00
E G Damon.....	40
C S Jewett.....	7 40
S J Wakeham.....	3 30
G W Upton.....	2 80
Frank Gill .....	40
	<hr/> \$ 970 20

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Albert S Brown, gravel.....	\$81 40
Agawam Land Co., gravel.....	44 40
Geo Harris, sand.....	1 80
J W Goodhue, supplies.....	11 52
G H Brocklebank, mason.....	1 75
James Graffum, work on roller, etc.....	24 25
John S Glover, cement.....	1 40
M Nolan, repairs.....	1 40
W A Spiller, “ .....	4 05
T F Cogswell, pipe.....	29 48
Ipswich Mills, supplies.....	2 25
Wright Bros., supplies.....	1 35
C Damon & Co., supplies.....	3 55
Jackson Ex.....	70
Tenney Ex.....	1 30
S F Canney, lumber.....	5 79
F. B. Page, repairs.....	6 65
	<hr/> \$ 223 04
Total.....	<hr/> \$1193 24

**District No. 2.**

NATHANIEL T. LOW. SURVEYOR.

## PAID FOR GRAVEL AND LABOR, Etc.

N T Low .....	\$104 80
A B Clark, gravel.....	6 70
Est W G Brown, gravel.....	25
Geo Harris, sand.....	10
Ed Spiller.....	15 40
A S Brown, gravel.....	16 30
Geo Dort.....	5 00
Fred Carter.....	5 00
Wm P Ross.....	20 00
T B Fall & Son.....	20 00
Jere Brocklebank.....	19 75
Hale Wait.....	2 00
G A Hodgdon.....	12 00
W L Stone, Jr.....	5 30
Geo Upton.....	4 00
A D Mallard.....	75
Wm Jewett, 2nd.....	30 10
Silas Crocker.....	37 70
T W Baxter.....	1 25
M Nolan, repairs.....	7 45
W A Spiller repairs.....	1 75
T F Cogswell, pipe.....	6 60
John T Sherburn.....	7 41
Walter Scott.....	1 00
James Scott.....	1 80
Chas S Jewett.....	1 70
John Durand.....	1 50
S F Canney, lumber.....	2 77

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 \$338 38

**District No. 3.**

ALLAN W. BROWN, SURVEYOR.

## PAID FOR GRAVEL AND LABOR, Etc.

John W Goodhue, sundries.....	1 65
Chas W Spiller.....	13 50
Edmund Ready .....	14 20
Alfred Young.....	5 80
Michael Young . .....	5 80
John Cronin.....	10 00
Chas W Smith.....	20 80
Chas Small.....	18 20
James H Hull.....	12 00
Gustavus Kinsman.....	22 50
Allan W Brown.....	102 50
Wm Daniels.....	7 60
Alfred Norman.....	2 00
Foster Russell.....	5 50
G F Barker.....	4 00
F T Goodhue, sundries.....	4 68
T F Cogswell, pipe.....	5 00
John E Dodge.....	4 00
M Nolan, repairs.....	2 20
John Dorr.....	10 00
Frank McGilfrey.....	6 00
N Duval.....	6 00
C H Rollins.....	3 30
S F Canney.....	15 13
F B Page, repairs.....	1 10
	———— \$303 46



**District No. 4.**

JOHN GALBRAITH, SURVEYOR.

## PAID FOR GRAVEL AND LABOR, Etc.

John Galbraith.....	\$47 90
J Farley Kinsman.....	40 70
Alden Story.....	27 35
Horace Brown.....	20 75
Herbert Shepperson.....	8 50
Albert S Brown, gravel.....	9 20
Asa P Brown, gravel.....	3 90
Abbie Stone, gravel.....	70
S F Canney, lumber.....	1 12
	— — — \$ 160 12

**District No. 5.**

CARL CAVERLY, SURVEYOR.

## PAID FOR GRAVEL AND LABOR, Etc.

G L Woodbury.....	\$18 20
Rees Jenkins.....	12 00
Frank Smith.....	10 00
J E Duprey.....	4 00
Wm Walker, gravel.....	8 00
Geo E Smith.....	24 50
Asa R Brown, gravel.....	10 00
H H Story.....	14 00
Chas Patch.....	3 50
E K Brown.....	14 00
J B Caverley.....	44 60
S F Canney, lumber.....	1 16
Asa R Brown.....	3 00
	— — — \$166 96

**District No. 6.**

J. W. CARLISLE, SURVEYOR

## PAID FOR GRAVEL, LABOR, Etc

J W, Carlisle.....	\$45 28	
T M Norman.....	31 52	
W G Horton.....	9 00	
W G Horton, gravel.....	5 40	
Eben Moulton, gravel.....	19 80	
Eben Moulton.....	15 00	
Chas G Brown.....	9 00	
W K Kinsman.....	17 76	
	————	\$152 76

**District No. 7.**

E. NEWTON BROWN, SURVEYOR.

## PAID FOR GRAVEL AND LABOR, Etc.

E Newton Brown, gravel.....	13 40	
E Newton Brown.....	28 00	
A Story Brown.....	20 50	
Fred Cross.....	17 00	
B R Horton.....	17 50	
	————	\$96 40

**District No. 8.**

JOHN M. FALL, SURVEYOR.

## PAID FOR GRAVEL AND LABOR, Etc.

A B Fellows.....	11 50	
J E Fellows.....	3 60	
D W Appleton.....	11 50	
J M Fall.....	16 00	
Oliver Smith.....	4 60	

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Justin Whittier.....	4 60	
W B Sturgis.....	1 00	
Geo Tibbetts.....	8 20	
John McLaughlin.....	3 60	
John Hopping.....	3 60	
John A Brown.....	11 00	
	<hr/>	\$79 20

### District No. 9.

AARON LORD, SURVEYOR.

PAID FOR GRAVEL AND LABOR, Etc,

S F Canney, lumber.....	1 57	
J O Smith.....	3 80	
J R Wilson.....	28 90	
Aaron Lord.....	53 20	
David Low.....	1 40	
W B Sturgis.....	18 40	
Water Dept., pipe.....	5 50	
Albert S Brown, gravel.....	6 50	
Albert S Brown.....	34 00	
Lemuel Smith.....	18 00	
Edmund Ready.....	14 40	
Justin Whittier.....	8 50	
	<hr/>	\$194 17

### District No. 10.

WILLIAM F. WARNER, SURVEYOR.

PAID FOR GRAVEL AND LABOR, Etc.

Wm F Warner.....	97 50
John M Purinton.....	6 40
Eugene Sullivan.....	25 75
Eugene Sullivan, gravel.....	9 50
Peter Quill.....	6 30
Seth Senior.....	6 20

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Chas W Steele.....	10 00
Jos Martel.....	9 80
D A Grady .....	3 15
M Reddy.....	5 20
Thos Boylan.....	2 80
G R Bradford.....	1 30
John Doyle.....	14 60
J J Andrews, Jr.....	7 70
J McLaughlin.....	3 00
E D Warner.....	1 80
Michael Young.....	1 80
Est W G Brown.....	23 40
Edmund Ready.....	5 40
Austin Morse.....	4 50
Eben Hurlbut.....	4 80
S G Brackett.....	9 05
Erastus Clark, gravel.....	4 20
Agawam Land Co., gravel.....	27 30
Lilly Boylan, right of way.....	15 00
Water Dept., pipe.....	5 33
T F Cogswell, pipe.....	90
Wm Goodhue.....	25 95
	<hr/> — — \$338 63

## District No. II.

THOMAS R. LORD, SURVEYOR.

### PAID FOR GRAVEL, LABOR, Etc

Hart & Lord, sundries.....	3 51
J A Smith....	50
T R Lord, gravel.....	70
T R Lord.....	36 20
W F Ellsworth.....	15 70
Eben Lord.....	4 80
D MacIntyre.....	7 80
James Sheppard.....	20 60
James Sheppard, gravel.....	6 80

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W F Burnham.....	5 00
J W Burns.....	5 00
A H Rutherford.....	5 00
Thomas Marriott.....	5 00
D G Chapman.....	10 90
N R Underhill.....	18 80
J W Goodhue, incidentals.....	65
Thomas A Howe.....	4 00
T L Gwinn, gravel.....	6 90
T L Gwinn.....	8 75
W K Chapman.....	9 50
Howard Jewett.....	4 40
E L Greenleaf.....	9 50
Newell M Jewett.....	4 30
Jos Leno....	2 80
Geo Gwinn.....	5 00
N R Underhill, gravel.....	3 30
Erastus Clark, repairs.....	2 50
	————— \$207 91

### District No. 12.

J. C. CONANT, SURVEYOR.

#### PAID FOR GRAVEL AND LABOR, Etc,

Wm H Lavalette.....	19 68
Benj Melvin.....	11 40
C W Conant.....	27 08
Jewett Jeffers, gravel.....	3 66
Wm O Conant.....	17 90
J C Conant.....	34 30
A J Phillips, gravel.....	2 76
A J Phillips .....	5 75
N Saunders.....	3 70
J Jeffers .....	10 00
John S Spiller.....	6 08
W C Frost.....	2 90
A Saunders.....	1 80
	————— \$147 01

**District No. 13.**

D. S. PERLEY, SURVEYOR.

## PAID FOR GRAVEL AND LABOR, Etc.

James Kinnear.....	5 20	
D S Perley, gravel.....	66	
D S Perley.....	91 20	
Thomas Kinnear.....	5 00	
	————	\$102 06

**District No. 14.**

C. M. PERLEY, SURVEYOR.

## PAID FOR GRAVEL, LABOR, Etc.

A S Howe, gravel.....	3 54	
A S Howe.....	6 70	
C E Howe.....	10 75	
O M Hills gravel.....	3 66	
O M Hills.....	12 00	
G K Farnum.....	3 00	
L H Perley.....	15 90	
A G Lauer.....	11 00	
C M Perley.....	46 30	
Elizabeth H Perley, gravel.....	2 76	
	————	\$115 61

**District No. 15.**

CHARLES JEWETT, SURVEYOR.

## PAID FOR GRAVEL AND LABOR, Etc,

Charles Jewett.....	98 95	
C E Brown.....	21 00	
James Ready, gravel.....	22 20	
James Ready.....	35 50	



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James Ready, Jr.....	16 10
Geo E Lord.....	14 63
J A Smith .....	3 00
Geo Day.....	1 00
Frank Bodwell.....	2 90
Robt Turner.....	1 00
Edw Dole, gravel.....	1 60
Stephen Jewett.....	15 00
Geo Rutherford.....	7 00
Frank Hicks.....	4 00
Walter Hicks.....	4 00
Ed Bodwell.....	11 40
Wm Ready.....	11 70
M Nolan, repairs.....	1 10
J A Brown.....	10 00
Ellsworth W Walton.....	2 20
Jos Chaput.....	1 40
	————— \$284 78

## District No. 16.

DANIEL S. APPLETON, SURVEYOR.

### PAID FOR GRAVEL AND LABOR, Etc,

D S Appleton.....	\$17 85
A Hirtle.....	16 90
James Dillon.....	18 20
John A Brown.....	10 50
John A Smith.....	21 00
Erastus Clark.....	21 00
Chas Bailey.....	7 80
A O Goodwin.....	10 95
J W Nourse.....	10 00
T F Cogswell, pipe.....	2 20
John Donovan.....	2 40
	————— \$138 80

## Town Team.

J. ALBERT HUCKINS, DRIVER.

### PAID

J A Huckins, driver.....	\$532 00
W W Wait, driver.....	68 00
F T Goodhue, sundries.....	66
James Graffum, repairs.....	9 90
C F Chapman, repairs and supplies.....	27 18
Geo B Brown, grain.....	119 52
Town Farm, hay.....	68 04
Dodge & Spiller, sundries.....	2 65
E L Irving, repairs, etc.....	22 12
J M Caldwell & Son, fuel.....	7 50
J W Goodhue, sundries.....	19 83
J B Caverley, carrots.....	1 25
Foster Russell, labor at stable.....	4 42
J A Huckins, expense.....	70
E Andrews, V S.....	2 00
M Nolan, repairs, shoeing, etc.....	28 89
T B Fall & Son, fuel.....	7 50
A H Plouff, labor.....	95
J E Norman, labor.....	2 50
Wright Bros, labor.....	3 36
	—————\$928 97

## Railings, Etc.

### PAID

Chas H Rollins, labor, Stackpole bridge	7 00
Foster Russell, labor and stock.....	36 10
S F Canney, lumber for County road rails	31 46
F B Page, iron work, Stackpole bridge	3 00
Geo Fall, lumber.....	10 01
A H Staniford, painting railways County road.....	23 32
	————— \$110 89

## Rebuilding Appleton Bridge.

### PAID

M J Judge, contract, stone work.....	\$100 00	
Aaron Lord, labor.....	29 80	
Jos R Wilson, labor.....	23 80	
David Low, labor.....	10 40	
Wm B Sturgis, labor.....	4 00	
Lemuel Smith, labor.....	10 50	
Allan W Brown, teaming stone.....	11 90	
Paul R Eames, " " .....	5 00	
	————	\$195 40

## Edgestones and Concrete.

### PAID

Barton & Williams, edgestones.....	\$293 26	
Chas H Rollins. concreting and resetting edgestones.....	662 68	
Thomas P Thomas.....	15 00	
	————	\$ 970 94

## Miscellaneous Jobs.

### PAID

E F Akerman, sewer covers.....	\$31 31	
M. Nolan, work on plows, etc.....	15 00	
James Graffum, work on plows, etc.....	35 75	
G H W Hayes, deed.....	1 00	
E R Smith, sundries.....	1 70	
	————	\$84 76

The number of days work done by the town team is as follows:

Jan. 1, '98 to Mar. 21, 98.....	24	
Mar. 21, '98, to Jan. 1, '99.....	207	
	————	
Total days,		231

## Recapitulation.

### RECEIPTS:

Highway appropriation.....	\$8000 00
Edgestones and concrete.....	1000 00
For work done.....	13 90
Reimbursed for edgestones and concrete	39 00
	—————\$9052 90

### EXPENDITURES:

District No. 1.....	\$1193 24
District No. 2.....	338 38
District No. 3.....	303 46
District No. 4.....	160 12
District No. 5.....	166 96
District No. 6.....	152 76
District No. 7.....	96 40
District No. 8.....	79 20
District No. 9.....	194 17
District No. 10.....	338 63
District No. 11.....	207 91
District No. 12.....	147 01
District No. 13.....	102 06
District No. 14.....	115 61
District No. 15.....	284 78
District No. 16.....	138 80
Town team.....	928 97
Railings, County road.....	110 89
Appleton's bridge.....	195 40
Edgestones and concrete.....	970 94
Miscellaneous jobs.....	84 76
	—————\$6310 45
Balance for snow account.....	\$2742 45

## Rowley Road Improvements,

### PAID FOR TEAMING, LABOR, Etc

Charles E Brown, team.....	\$32 50
Walter Brown.....	11 80
J Allen Smith, team.....	27 00
Charles Jewett, team.....	27 00
Wm Ready.....	11 80
John Ready.....	11 80
James W Ready.....	13 40
James Ready.....	11 80
Edward Davis.....	11 80
Frank Gill.....	10 80
Levi Howe.....	13 60
J C Lowe, team.....	31 04
John Baker.....	13 60
Jos Leno.....	10 00
Alfred Young.....	10 00
Vital Theot .....	10 00
Benj H Smith.....	5 60
Amos Bray.....	12 40
Albert Lord.....	13 60
Ward Kenney.....	11 80
Walter Hicks.....	11 80
Wm Ewing.....	6 40
Geo Hill.....	11 80
Ferdinad Stone.....	10 00
Geo F Barker.....	11 80
L A Manthron .....	11 80
Paul R Eames, team.....	30 00
J B Mitchell, team .....	29 50
Ed Bodwell.....	11 10
Wm Bodwell.....	8 20
James Sheppard, team.....	29 50
John Eli.....	10 00

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Peter Garrette.....	3 60
Scott Greanleaf, team.....	21 00
Thos Kinnear, team.....	29 50
Wm H Burnham.....	11 00
Dan'l W Stone.....	8 20
Jesse A Brown.....	10 80
T M Norman, team.....	27 50
Ambrose Young.....	11 00
A H Rutherford.....	11 20
Edgar Weeks.....	11 00
Frank Bodwell.....	11 00
T C Hill.....	4 60
N T Low, team.....	27 50
Edmund Ready.....	11 00
John H Foss.....	11 00
James McLaughlin.....	11 00
Geo Gwinn.....	11 00
Henry Forbes.....	11 00
Ed Smith.....	11 40
Maynard Whittier, team.....	27 50
Ralph Whittier .....	11 00
Thos Donahue.....	11 20
Irving Hurlbut.....	11 00
H B Brown, team.....	27 50
Fred Carter, team.....	27 50
Geo Scott.....	11 80
Geo Plouff.....	10 80
John Dorr.....	10 80
John W Eli, Jr.....	2 80
John Minnehan.....	10 80
Wilbur Ellsworth.....	10 80
Herbert Witham.....	10 80
Smith Hayes.....	10 80
Chas Pitman.....	10 80
Jerry Sullivan.....	10 80
J S Choate.....	10 80
Thos R Lord, team.....	27 00
Benj Melvin.....	10 80



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N R Underhill, team.....	\$27 00
Geo E Lord, team.....	18 90
H N Jewett.....	12 40
Erastus Clark, team.....	29 82
Est W G Brown, team.....	29 50
John Floyd.....	1 60
Chas W Spiller.....	10 80
David Low.....	10 80
Dan'l Donahue.....	11 50
Geo Tenney.....	11 50
A O Goodwin.....	10 80
Frank Barney.....	10 50
Frank McGilfrey.....	11 50
Fred Buzzell.....	11 70
Herbert Low.....	11 50
Alfred Norman.....	11 50
James Scott.....	11 50
Willard Harris, team.....	30 25
W O Conant, team.....	24 61
J W A Hayes, team.....	29 90
Thos Howe, team.....	18 30
Isaac Foss, team.....	25 59
A W Brown, team.....	32 93
J W Carlisle, team.....	33 70
Jos Martelle, team.....	23 40
Wesley Copp.....	10 60
James Ready.....	9 80
James Ready, gravel and hay.....	13 00
John Doyle.....	11 50
Allan Doyle.....	7 80
John Baker.....	20 80
Wm Ready.....	4 00
Jos Chaput.....	11 20
James Dillon.....	11 20
Jos Holden.....	11 20
Michael Reddy.....	7 80
Alex Hirtle.....	7 80
John Patch.....	6 10

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Albert Felton.....	10 50
Wm Hallam.....	9 90
W F Kinsman.....	9 71
J F Akerman.....	3 60
Arthur Levesque .....	9 90
Jewett Jeffes.....	3 60
Eugene Sullivan.....	11 40
Geo Harris, team.....	13 86
J F Bradstreet,.....	6 00
Stephen Jewett.....	7 36
Theo F Cogswell, pipe.....	239 41
Dan'l Appleton, superintendent .....	82 25
David A Grady, team.....	30 00
Thos H Lord.....	2 99
J W Goodhue.....	7 45
C H Rollins, dynamite.....	3 00
Michael Reddy.....	3 40
W F Kinsman, team.....	12 65
Alex Hirtle.....	1 70
Eugene Sullivan.....	11 39
James W Ready.....	70
John A Brown, team.....	27 60
James Ready.....	1 23
Michael Laffy.....	5 50
John Doyle.....	7 20
Chas Jewett .....	7 00
John C Low.....	1 20
Thos Barney.....	4 70
Fred B Saunders.....	4 80
John Baker.....	4 80
Wesley Copp.....	4 80
Thos Marriott.....	3 80
Geo Harris, sand.....	69 80
James Ready, gravel pit.....	100 00
J W Nourse, surveying.....	10 00
Total,	—————\$2330 35

## State and Military Aid.

### COMMONWEALTH.

#### DR.

To amt. due for state aid, Jan. 1, '98...	\$2790 50
To amt. due for military aid, Jan. 1, '98	63 00
To amt. pd. for state aid, Jan. 1, '99...	2948 00
To amt, pd. for military aid, Jan. 1, '99	174 00
	\$5975 50

#### CR.

By cash received for state aid.....	\$2790 50
By cash received for military aid.....	63 00
By amt. due for state aid.....	2948 00
By amt, due for military aid.....	174 00
	\$5975 50

## Debt Statement.

### TOWN OF IPSWICH.

#### DR,

To notes payable.....	\$ 26840 00
To orders drawn and not paid .....	655 97
	\$27495 97

#### CR.

By cash in treasurer's hands.....	2027 66
Bills due farm in treasur's hands...	168 50
Uncollected taxes....	543 87
Amount due town for State aid.....	2948 00
"    "    "    " Military aid	174 00
"    "    for burial of Soldiers	35 00
"    "    Contagious dis-	
eases .....	175 00
"    due for curbstone work....	62 00
"    "    Soldier's relief....	40 00
"    "    on Poor account.....	650 41
	\$6824 44

Total debt exclusive of Water Bonds	\$20671 53
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The town added \$2500.00 to its notes this year to raise the money for the Rowley road job,

The financial standing of the treasury at the close of the year shows.

Cash on hand.....	\$2027 66
Bills due the town, outside of state and military aid.....	1674 78
	-----\$3702 44
Less undrawn orders.....	655 97
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Balance in favor of town, Jan. 1, 99	\$3046 47

There has been an increase of about \$275.00 in the police bill this year, caused by the addition of a day officer to the force for five months, from May 1 to October 1. This officer did not have many serious cases to deal with, but his presence on the street, and the faithful manner in which he performed his work, met with public approval and may have been the cause of preventing trouble, which is better than stopping it after it has commenced. The night police have also attended to their duties in a satisfactory manner.

In the street lighting department there is an overdraft of \$1.86 but we are pleased to say that in addition to the lighting of the streets, for which the appropriation was made, 26 new street lamps have been added, the bills for which are included in the total.

At the police station long needed improvements have been made. For years the tramps have made it a practice to sleep on the floor of the guard room, and the unfortunate prisoner who occupied a cell, was sure to find plenty of "live stock" in his clothing. The entrance to the guard room has always been poorly arranged, and a dangerous one for an officer to handle an unruly prisoner in. As it is now, a new entrance has been made, doing away with the necessity of going through the dark cellar, and the tramps are not allowed in the cell room. A new hot water heating plant warms both the tramp room and guard room and does it well. Other needed improvements have been made about the hall at a small expense.

The expenses for the Highway department had been

well within the limit, and the amount left over for snow, \$2742.45, was much larger than the usual snow bills, but the record breaking storms of February and December of 1898, jumped the snow bills to over \$3900.00, and the recent storm will make a large hole in the appropriation for this year. As a matter of fact the snow bills for 1898 are within \$75 of being as large as the combined bills for 1895, 1896 and 1897.

The Rowley Road Improvements are well along towards completion. Of the \$3000 appropriated, only \$2500.00 has been borrowed, and only \$2330.35 has been expended. We feel safe in saying that the balance of the appropriation will complete the work. We have endeavored to carry out the wishes of the voters, and the table of expenses for that road will show that while the work lasted it was divided among those citizens who asked for it.

In regard to appropriations for this year we are of the opinion that under similar conditions the appropriations of last year will be as large as are needed, and in some case can be reduced. There will be some call for special appropriations, and information concerning them can be given better when the articles are under discussion.

In conclusion, we feel justified in congratulating the town upon the showing it has made, in spite of "hard times," and feel that a balance of over \$3000 on the right side of the ledger, with largely increased expenditures and a lower tax rate is a record that but few towns can equal. To the heads of the various departments who have assisted in bringing about this result, and to the people, who have encouraged the work towards that end we extend our sincere thanks, and wish that for the town as a body, and for each and everyone as individuals, 1899 may bring increased opportunities and increased success.

Respectfully submitted,

Geo. A. Schofield,	}	Selectmen of Ipswich.
John A. Brown,		
Chas. E. Goodhue,		

Ipswich, Feb. 20, 1899.



## Auditor's Statement.

I hereby certify that I have examined the books of the Selectmen, Assessors and Overseers of the Poor, and find them correct, with proper vouchers for all bills paid.

HENRY F. DUNNELS, Auditor.

## Engineers' Report.

TO THE SELECTMEN OF IPSWICH

GENTLEMEN:

Following is the report of the Board of Engineers of the Fire Department for the year ending Jan 1st, 1899.

Number of alarms	6
Value of property endangered by fire	\$15,000
Property damaged by fire	4,869
Insurance on same	12,000
Insurance paid,	\$2,869
Number of men in department	71
Value of fire department equipment	6,000
Value of buildings occupied by the Dept.	3,000
Number feet hose	5,000
Number feet poor hose	300

We have erected a building on the land of Thomas Tilton, at a cost of \$45.50. The old hose carriage has been made over into two new ones at a cost of \$60.00. We have placed one in the rear of Red Men's building and one in the new building on Thomas Tilton's land. The old one has been placed at Ipswich Village with 250 ft. of good hose. We have filled in and concreted the run in front of the Neptune house at a cost of \$56.00, also the run in front of the Steamer house at a cost of \$32.50. We recommend that the sum of \$1500 be raised and appropriated to run the fire department the ensuing year. We have put a fire alarm box in Central square, connected with the match factory, at a cost of \$55 00. It is open for inspection. We recommend that the sum of \$300 be raised and appropriated to extend the fire boxes to other parts of the town.

We extend thanks to the members of the department for their willing response to all calls, also to those not in the department who rendered aid at fires.

Respectfully submitted

A J Barton	}	Engineers of Fire Department.
R R Glasier		
J M Caldwell		
J W Patterson		



THOMAS E. CONDON, TREASURER AND COLLECTOR, IN ACCOUNT WITH  
DR.

To cash on hand	\$ 692 10
" taxes of 1897	1,073 33
" bills due town for 1897	386 28
" income Mass. school fund	195 02
" Essex County dog licenses, refunded	440 23
" corporation tax of 1897	810 11
" support of state paupers	24 30
" temporary support of state paupers	53 13
" expense of contagious diseases	17 31
" support of state paupers	17 03
" expense of contagious diseases	20 85
" corporation tax	2,216 95
" national bank tax	585 07
" military aid	63 00
" state aid	2,790 50
" burial of indigent soldiers	70 00
" refunded from Mrs. Thos. H. Doyle on acc. of mil. aid advanced from the town	24 00
" from Wm. P. Ross, money refunded from Mem- orial Day appropriation	25 00
" from Postal Tel. Co.	6 00
" A. P. Hills, order refunded	4 33
" interest on taxes	73 47
" sales from farm, 1898	1,293 82
" from cities and towns, poor account	677 35
" from rent of hall	515 10
" from seals reimbursed	102 00
" sale of Centennial books	4 50
" rent of cemetery pasture	12 00
" on account of highways	18 40
" on account of schooling	84 69
" on account of soldiers relief	72 00
" on account of concreting	39 00
" on account of town scales	97 37
" on account of liquor licenses	5,600 00
" other licenses	69 00
" on account of criminal fines	97 01
" sale of cemetery lots	260 00
" Water Dept. temporary loan (Feb. 3)	1000 00
" notes issued, Rowley road	2500 00
" notes in anticipation '98 taxes	17,000 00
" tax list of 1898, state tax	1,725 00
" " " " county tax	2,576 97
" " " " town tax	40,813 02
" undrawn orders	655 97
	<hr/>
	\$84,801 18

THE TOWN OF IPSWICH FOR THE YEAR ENDING, JAN. 19, 1899.  
CR.

By cash paid on Selectmen's orders for 1897	\$	833 44
" " Commonwealth on acc. liquor licenses		1,400 50
" " error on S. Gordon's bill		5 80
" " water dept. temporary loan		1,000 00
" " prin. on notes hired in anticipation of taxes, for 1898		17,000 00
" " prin. on school house notes		1,100 00
" " prin. on bridge notes		500 00
" " interest on notes		1,350 78
" " Commonwealth, county tax		2,576 97
" " " state tax		1,725 00
" " " nat'l bank tax		498 45
" " " penalty for failure to make returns		2 00
" " abatements for 1897		269 99
" " abatements for 1898		431 90
" " discounts on taxes		605 66
" " uncollected taxes of 1898		543 87
" " for killing seals		102 00
" " officers by order of court		13 08
" " on acc. of orders, Rowley road		2,330 35
" " gross amount of selectmen's orders for 1898		47,187 73
" " state aid		2,948 00
" " military aid		348 00
" " Balance on hand at the close of year		2027 66

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\$84,801 18

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This is to certify that I have examined the accounts of the Treasurer and have found them to be correctly cast and properly vouched.  
Henry F. Dannels, Auditor

Ipswich, Jan. 20, 1899.



## Funds Left in Trust with the Town for the Care of Burial Lots.

In account with Thomas E. Condon, Treasurer.

### COGSWELL FUND.

DR.	
To amt. in Ips. Savings Bank Jan 1, '98.	\$256 28
To interest to Jan 1, '99	10 34
	\$266 62

CR.	
By cash paid W. H. Kirk for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1, '99	264 62
	266 62

### ANDREWS FUND.

DR.	
To amt. in Ips. Savings Bank Jan. 1, '98	187 70
To interest to Jan 1, '99	7 56
	195 26

CR.	
By cash paid Luther Lord for care of lot	3 00
By cash paid W. H. Kirk for care of lot	2 00
By amt. in Ips. Savings Bank Jan 1, '99	190 26
	195 26

### STANIFORD FUND.

DR.	
To amt. in Ips. Savings Bank Jan. 1, '98	75 57
To interest to Jan. 1, '99	3 04
	78 61

CR.	
By cash paid W. H. Kirk for care of lot	1 00
By amt. in Ips. Savings Bank Jan 1, '99	77 61
	78 61

### TROW FUND.

DR.	
To amt. in Ips. Savings Bank Jan. 1, '98	304 00
To interest to Jan. 1, '99	12 28
	316 28

CR.	
By cash paid W. H. Kirk for care of lot	2 50
By amt. in Ips. Savings Bank Jan. 1, '99	313 78
	316 28

## WILLIAM KINSMAN FUND.

DR.	
To amt. in Ips. Savings Bank Jan 1, '98	52 69
To interest to Jan. 1, '99	2 10
	<hr/>
	54 79
CR.	
By cash paid W. H. Kirk for care of lot	1 00
By amt. in Ips. Savings Bank Jan. 1, '99	53 79
	<hr/>
	54 79

## EBEN KIMBALL FUND.

DR.	
To amt. in Ips. Savings Bank Jan. 1, '98	115 13
To interest to Jan. 1, '99	4 64
	<hr/>
	119 77
CR.	
By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1, '99	117 77
	<hr/>
	119 77

## LAKEMAN FUND

DR.	
To amt. in Ips. Savings Bank Jan. 1, '98	55 11
To interest to Jan. 1, '99	2 22
	<hr/>
	57 33
CR.	
By cash paid Luther Lord for care of lot	1 25
By amt. in Ipswich Savings Bank Jan. 1, '99	56 08
	<hr/>
	57 33

## GIDDINGS FUND.

DR.	
To amt. in Ips. Savings Bank Jan. 1, '98	112 29
To interest to Jan. 1, '99	4 52
	<hr/>
	116 81
CR.	
By cash paid W. H. Kirk for care of lot	2 50
By amt. in Ips. Savings Bank Jan. 1, '99	114 31
	<hr/>
	116 81

POTTER FUND

DR.

To amt. in Ips. Savings Bank Jan 1, '98	105 82
To interest to Jan. 1, '99	4 24

110 06

CR.

By cash paid W. H. Kirk for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1, '99	108 06

110 06

WILLCOMB FUND

DR.

To amt. in Ips. Savings Bank Jan. 1, '98	60 50
To interest to Jan. 1, '99	2 42

62 92

CR.

By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1, '99	60 92

62 92

DAWSON FUND.

DR.

To amt. in Ips. Savings Bank Jan. 1, '98	103 04
To interest to Jan. 1, '99	4 16

107 20

CR.

By cash paid Luther Lord for care of lot	2 80
By amt. in Ips. Savings Bank Jan. 1, '99	104 40

107 20

HANNAH L. KIMBALL FUND

DR.

To amt. in Ips. Savings Bank Jan 1, '98	103 58
To interest to Jan. 1, '99	4 16

107 54

CR.

By cash paid Luther Lord for care of lot	2 00
By amt. in Ips. Savings Bank Jan. 1, '99	105 74

107 74



## VARRELL FUND

DR.

To amt. in Ips. Savings Bank Jan. 1, '98	212 24
To interest to Jan. 1, '99	8 56

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 220 80

CR.

By cash paid Luther Lord for care of lot	13 60
By amt. in Ipswich Savings Bank Jan. 1, '99	207 20

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 220 80

## BIRCH FUND.

DR.

To amt. in Ips. Savings Bank Jan. 1, '98	50 50
To interest to Jan. 1, '99	2 02

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 52 52

CR.

By cash paid Luther Lord for care of lot	2 50
By amt. in Ips. Savings Bank Jan. 1, '99	50 02

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 52 52

## AARON KINSMAN FUND

DR.

To amt. in Ips. Savings Bank Jan 1, '98	51 00
To interest to Jan. 1, '99	2 06

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 53 06

CR.

By cash paid Luther Lord for care of lot	1 50
By amt. in Ips. Savings Bank Jan. 1, '99	51 56

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 53 06

## SAMUEL BLOOD FUND.

DR.

To amt. In Ips. Savings Bank Oct. 4, 98	50 00
To interest to Jan. 1, 99	50

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 50 50

## P. E. CLARKE FUND

DR.

To amt. in Ips, Savings Bank Jan 9, '99	100 00
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## LOCUST GROVE CEMETERY FUND.

DR.

To amt. in Ips. Savings Bank Aug. 27, 98	437 00
To interest to Jan. 1, '99	8 74

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 445 74

This is to certify that I have examined the books of the above trust funds and find them correct.

Henry F. Dannels, Auditor.

# Town of Ipswich.

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## FIFTH ANNUAL REPORT

OF THE

# WATER COMMISSIONERS



FOR THE YEAR 1898.

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IPSWICH:  
INDEPENDENT PRESS.  
1899.



# Report of Water Commissioners.

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The Board of Water Commissioners herein presents its 3rd annual report for the year ending Jan. 1st, 1899. The Board organized for the year with the choice of Mr. Walter E. Lord as Chairman, also voted to employ Mr. Chas. M. Kelly as clerk.

At no time during the year has there been any indication of a shortage of water, and it would appear, therefore after a thorough test of four years, with the average rainfall there is an abundant supply for many years to come.

For the past two years there has been more or less complaint about the water tasting musty, it having become general during the past summer, the Commissioners determined to find a remedy if possible, they accordingly drew the water way down and found upon examination that there was a large deposit of decayed leaves in the upper part of the basin, which they immediatly caused to be removed, since then the anaylsis of the water has been greatly improved.

Another complaint which seems to be increasing is the condition of the water upon what is termed as dead ends, or in other words where there is no direct circulation.

Unfortunately we have a large number of them and the commissioners see no other way of remedying them, than by tapping at the extreme end and allowing a small stream to run continuously, which they have done the past year on Prospect and East streets with good results.

The general condition of the plant is good.

#### EXTENSIONS.

Extensions have been laid under the vote of the town at special meetings on Spring street and from Saltonstall street through Lafayette Road. The length and cost of these extensions will be found further on in this report.

During the year 42 services were laid, all being new taps, which was 10 more than was laid in 1897, showing the increasing demand for the water.

#### FINANCIAL.

The total income from water rates for this year amount to \$6,347.80 an increase of \$337.80 over last year.

The operating expense for the year has been \$2343 43, being \$168.60 less than last year.

An unlooked for expense has been made in the repair of the gate house at the storage basin, which was badly rented, the cause of which has not been fully determined.

The suit of Mr. John W. Nourse against the town is still unsettled, it not having been heard as yet by the County Commissioners.

A detailed statement of the financial operation of the year, will be found further on in this report, also a statement showing the condition of the sinking fund.

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The Board of Commissioners estimate receipts for 1899 to be \$6700.00: the disbursements \$10,474.00 as follows; Sinking fund, \$2034.00; Maintenance \$2500.00; Services \$500.00; Interest on bonds, \$5,440.

They recommend appropriations to be levied by taxation as follows: \$15.00 per hydrant for fire service amounting to \$1740.00 and \$2034.00 for sinking fund, these together with the income from water sales will enable them to meet all expenses for the year 1899.

WALTER E. LORD,	} Commissioners.
CHAS. W. BROWN,	
WILLIAM A. STONE.	





I. LIST OF BILLS AND AMOUNTS PAID FOR THE YEAR  
ENDING DECEMBER 31, 1898.

No.	Paid To	For What	Amts.	Acct. Applied to
3	H. F. Tonge	Labor	\$ 2 20	Maintenance
4	John Doyle	"	2 00	Repairs
5	Jeremiah Sullivan	"	2 00	"
6	A. H. Plouff	Cleaning & setting stove	1 00	Maintenance
7	American Express Co.	Express on meter	40	Repairs
8	Chas. W. Brown	Office supplies	5 50	Maintenance
9	Geo. A. Schofield, P. M.	500 1c stamps	5 00	"
10	Thos. H. Lord	Grass seed	1 58	"
12	P. A. Allen	Services Jan 1 to 15	33 00	"
13	B. F. Taft, Treas.	Insurance premium	50 00	"
15	Chas. F. Wilcox	Oil	50	"
16	B. & M. R. R.	Freight on bbl oil	36	"
18	P. A. Allen	Services Jan 15 to Feb 5	49 50	"
19	John A. Blake	Telephone messages	4 30	"
20	Natl Meter Co	Repairs on meters	2 65	Repairs
21	Hersey Mfg Co	" "	1 20	"
22	American Express Co.	Express "	50	"
23	Leonard & Ellis	1 bbl oil	31 53	Maintenance
24	Ebin R. Smith	Office supplies	55	"
25	Ralph Villiers	Labor on wires	13 00	"
26	Thos. Scahill	" "	5 00	"
27	Chronicle Pub. Co.	Reports	49 85	"
29	P. A. Allen	Services Feb 5 to 26	49 50	"
30	W. E. Girard	Labor on wires	1 00	Repairs
31	A. D. Mallard	Teaming	1 50	Maintenance
	"	"	50	Repairs
32	Natl Meter Co	Repairs on meter	1 50	"
33	Union Water Meter Co.	2 meters	20 00	Services
	" " "	Repairs on meters	1 75	Repairs
34	Neptune Meter Co.	Meter	8 40	Services
35	Thomson Meter Co.	2 Lambert meters	17 80	"
37	Natl Meter Co.†	3 Crown meters	37 20	"
38	American Express Co.	Express on meters	25	Repairs
39	P. A. Allen	Serv Feb 26 to Mar 19	49 50	Maintenance
40	John Doyle	Labor	5 80	Services

No.	Paid To	For What	Amts.	Acct. Applied to
41	Walworth Mfg Co.	Fittings	48 50	Services
42	Natl Lead Co	4 Reels lead pipe	96 92	"
43	L. D. Pickard	Labor	90	Repairs
44	Thos. C. Tilton	Hack hire	75	Maintenance
45	Independent Press	Note heads	1 50	"
46	Jerry H Sullivan	Labor	50	Repairs
	"	"	5 80	Services
47	P. A. Allen	Serv Mar 19 to Apr 2	33 00	Maintenance
48	Thos. P. Thomas	Labor and materials	2 50	Repairs
49	C. F. Chapman	Repairing taps	25	Maintenance
50	John W. Goodhue	Tools and supplies	5 47	"
51	A. D. Mallard	Teaming	1 00	"
	"	"	1 85	Services
52	Jas. R. Merry	Labor	6 25	"
	"	"	2 50	Repairs
53	C. M. Kelly	Serv Jan 1 to Apr 1	62 50	Maintenance
54	Geo. A. Schofield, P. M.	500 1c stamps	5 00	"
55	Caleb Hurlburt	Trimming trees	1 50	"
56	Michael Young	Labor	3 40	Services
57	Alfred Young	"	3 40	"
58	P. A. Allen	Serv Apr 2 to Apr 16	33 00	Maintenance
60	Buffalo Meter Co.	Meter book	1 08	"
61	F. J. Dibble	100 Recording dials	5 00	"
62	Chapman Valve Mfg Co	3 Hydrants	82 59	Pipe Line
63	Jackson Express Co	Sundry express charges	1 90	Services
64	Independent Press	Advertising	2 00	Maintenance
65	Ipswich Mills	Supplies	5 38	"
66	Theo. F. Cogswell	Preservative	2 50	"
	"	Drain pipe	16	Services
67	Albert Tenney	Teaming	65	"
68	P. A. Allen	Service Apr 16 to 30	33 00	Maintenance
69	Natl Lead Co	Lead	19 13	Services
70	Perrin Seamans & Co.	50 Exploders	1 70	Maintenance
71	Donaldson Iron Co.	160 pcs 6 in C I pipe	490 65	Pipe line
72	American Express Co.	Express	15	Maintenance
73	Michael Young	Labor	11 55	Services
74	B. & M. R. R.	Freight	2 06	"
	" "	"	4 44	Pipe line
75	David A. Grady	Teams	3 00	Maintenance
76	Paul R. Eames	Teaming	15 67	Pipe Line

No.	Paid To	For What	Amts.	Acct. Applied to
76	Paul R. Eames	Teaming	1 35	Services
77	P. A. Allen	Serv Apr 30 to May 14	33 00	Maintenance
78	Natl Meter Co	6 Crown Meters	74 40	Services
79	Perrin Seamans & Co	1 Bale Jute Packing	4 06	Pipe line
80	Chronicle Pub Co.	Printing	5 50	Maintenance
81	B. & M. R. R.	12 Ties	60	Pipe line
82	Natl Lead Co.	2 Coils 1 inch Lead Pipe	16 72	Services
	"	2 Pigs Lead	6 55	Pipe line
83	Eugene Girard	Labor Spring St. Ext.	21 26	"
	Silas Crooker	" "	21 75	"
	John Scott	" "	8 25	"
	Archie Ross	" "	21 00	"
	George Scott	" "	20 83	"
	Ambrose Young	" "	20 25	"
	Nathaniel Lord	" "	24 31	"
	Wm Daniels	" "	4 67	"
	John Thibedeau	" "	12 68	"
	Enos Martin	" "	17 18	"
	Ferdinand Stone	" "	19 34	"
	Chester Caverly	" "	6 84	"
	Elri Murry	" "	19 34	"
	Levi Howe	" "	18 00	"
	Geo. Upton	" "	18 84	"
	Thos. Shaw	" "	6 00	"
	Chas McIntyre	" "	3 84	"
	Angus McLean	" "	3 00	"
	Robert Spencer	" "	67	"
84	Ambrose Young	"	5 80	"
	Chas. McIntyre	"	5 00	"
85	Michael Young	"	20 55	Services
86	P. A. Allen	Serv May 14 to 28	33 00	Maintenance
87	Albert O. Goodwin	Labor and use of horse	6 80	"
88	Natl Lead Co.	4 Reels lead pipe & solder	103 66	Services
89	American Express Co.	Express	15	"
90	Jas. R. Merry	Labor	14 25	"
91	Michael Young	"	27 20	"
92	A. D. Mallard	Teaming	3 50	"
	"	"	4 90	Pipe line
	"	"	1 00	Repairs
93	Ambrose Young	Labor	4 00	"

No.	Paid To	For What	Amts.	Acct. Applied to
	Chas. McIntyre	Labor	4 00	Repairs
94	P. A. Allen	Serv May 28 to June 11	33 00	Maintenance
95	Michael Young	Labor	23 29	Services
96	Old Colony Trust Co.	Interest	27 20	Int. on bonds
97	M. R. Warren & Co.	Record Book	4 00	Maintenance
98	Geo. Harris	Use of land for 1898	1 00	"
99	Tenney's Express	Teaming	25	Pipe line
	" "	"	2 10	Services
100	A. W. Chesterton & Co.	2 lbs French Tripoli	48	Maintenance
101	Jas. R. Merry	Labor	13 50	Services
102	Walworth Mfg Co.	Fitting, etc.	5 75	"
104	Geo. P. Smith, P. M.	500 1 cent stamps	5 00	Maintenance
105	Michael Young	Labor	32 63	Services
106	T. B. Fall & Son	Wood and coal	5 25	Pipe line
107	B. & M. R. R.	Freight	2 73	Services
108	Josiah Stackpole	Damage by water	6 00	Maintenance
109	Walworth Mfg Co	Fittings	61 75	Services
110	C. M. Kelly	Serv Apr 1 to July 1	62 50	Maintenance
111	Chronicle Pub Co.	Printing	7 00	"
112	Silas Crooker	Labor	7 80	Repairs
113	Jackson Express Co.	Express	45	Maintenance
	" "	"	1 00	Services
	" "	"	40	Pipe line
114	A. W. Chesterton Co.	Ring Packing	9 60	Maintenance
115	Frank H. Howe	Teaming	75	Pipe line
	"	"	1 05	Services
116	Lewis E. Willcomb	Water pail	30	Maintenance
	"	Oil	1 90	Pipe line
117	John W. Goodhue	Supplies	26 87	Maintenance
119	P. A. Allen	Serv June 11 to July 16.	82 50	"
120	Foster Russell	Labor	40	"
121	John S. Glover	Cement	4 33	Repairs
122	Walworth Mfg Co.	24 Seals	9 72	Services
123	S. F. Canney	Lumber	1 02	Maintenance
124		Sinking Fund	1965 55	Sinking fund
125	Michael Young	Labor	38 44	Services
126	Lewis Manthorn	"	1 10	Repairs
127	Jas R. Merry	"	8 50	Services
128	P. A. A en	Services July 16 to 30	33 00	Maintenance
129	David A. Grady	Teams	3 00	"

No.	Paid To	For What	Amt .	Acct. Applied to
130	Albert Tenney	Teaming	95	Services
131	Geo. H. Brockelbank	Labor	2 53	Repairs
132	Benjamin Fewkes	Plants and labor	13 50	Maintenance
133	A. D. Mallard	Teaming	1 30	Services
	"	"	2 25	"
135	Michael Young	Labor	9 37	"
136	Ambrose Young	"	4 00	Repairs
137	John H. Baker	"	5 00	Maintenance
138	Chas. H. Rollins	"	6 80	"
139	P. A. Allen	Serv July 30 to Aug 20	49 50	"
140	Natl Meter Co.	6 5-8 Empire Meters	62 40	Services
142	Michael J. Judge	Labor and materials	85 00	Misc Ex.
143	P. A. Allen	Serv Aug 20 to Sept 10	49 50	Maintenance
144	Chronicle Pub. Co.	Printing and advertising	5 50	"
145	Chas. McIntyre	Labor	80	Repairs
146	Edward Martel	"	2 00	"
147	Alexander Morin	"	3 40	"
148	Jerry Sullivan	"	3 40	"
149	Michael Young	"	80	"
	"	"	15 15	Services
150	F. J. Dibble	Repairing transmitter	7 00	Maintenance
151	A. O. Goodwin	Labor	6 20	"
152	Caleb Hurlburt	"	6 00	"
	"	"	1 50	Repairs
153	Jas. R. Merry	"	1 50	"
	"	"	3 00	Services
154	Town Ipswich Dist. 1	" gravel & teaming	3 50	Repairs
155	Tenney's Express	Teaming	25	"
	"	"	40	Maintenance
	"	"	50	Services
156	N. H. Lord	Labor	3 40	Repairs
157	Independent Press	Advertis g	2 00	Maintenance
158	J. A. Morey	Labor	75	"
159	American Express Co.	Express	46	"
160	P. A. Allen	Serv Sept 10 to Oct 1	49 50	"
161	B. & M. R. R.	Freight	1 30	Services
162	Mut. Boiler Ins. Co.	Insurance on boilers	24 00	Maintenance
163	David A. Grady	Teams	10 00	"
	"	"	1 00	Repairs
164	Chas. M. Kelly	Serv July to Oct 1	62 50	Maintenance



No.	Paid To	For What	Amts.	Acct. Applied to
165	A. D. Mallard	Teaming	2 20	Maintenance
	"	"	25	Services
166	Natl Lead Co.	Lead pipe	11 04	"
167	First National Bank	1 Laughton color pad	28	Maintenan
168	Theo. F. Cogswell	Tile	19 18	Repairs
169	C. W. Brown	Rubber stamps	2 54	Maintenance
170	Jackson Express Co.	Express	65	Services
171	Alfred Young	Labor	10 54	"
	"	"	40	Repairs
172	Ipswich Mills	Supplies	1 17	Maintenance
173	Allan W. Brown	Teaming	28 00	"
174	"	"	12 00	"
175	Geo. Scott	Labor	11 80	"
176	P. A. Allen	Serv Oct. 1 to Oct. 22	49 50	"
177	B. & M. R. R.	Freight	72	"
	"	"	94	Services
178	Rufus Dewar	Labor	16 00	Maintenance
179	Alexander Hirtle	"	16 00	"
180	Allan W. Brown	Teaming	3 00	"
181	Daniel Safford	Teams	3 00	"
182	James Dillon	Labor	17 40	"
183	J. M. Caldwell & Son	Coal	377 41	"
184	Geo. W. Spiller	Labor	1 10	"
185	Michael Young	"	13 91	Services
186	Foster Russell	" and stock	4 81	Maintenance
187	Wm. H. Bird	Hearth centres	2 00	Pipe line
188	Chas. W. Brown	Supplies	1 26	Maintenance
189	Jas. R. Merry	Labor	4 00	Repairs
	"	"	8 50	Services
190	Michael Young	"	3 80	Pipe line
191	Benjamin Smith	"	1 80	"
192	W. A. Mitchell	Use of team	1 00	Repairs
193	Geo. Spencer	Labor and material	6 80	"
194	Albert Tenney	Teaming	30	Pipe line
	"	"	45	Services
195	M. J. Judge	Labor	15 00	Storage basin
196	Allan W. Brown	Teaming	2 00	Pipe line
197	Ambrose Young	Labor	5 40	"
	"	"	3 60	Maintenance
198	P. A. Allen	Serv Oct. 22 to Nov 12.	49 50	"

No.	Paid To	For What	Amts.	Acct. Applied to
198	P. A. Allen	Serv Oct 22 to Nov 12	49 50	Maintenance
199	B. & M. R. R.	Freight	40	Pipe line
	" "	"	46	Services
200	A. D. Mallard	Teaming	1 00	"
	"	"	2 25	Repairs
	"	"	1 35	Pipe line
201	Ambrose Young	Labor Agawam Heights	13 60	"
	Michael Young	" "	13 60	"
	Geo. Barker	" "	11 80	"
	Geo. Scott	" "	11 80	"
	Chas. McIntyre	" "	11 80	"
	Alfred Young	" "	10 80	"
	Elri Murry	" "	10 80	"
	Thos. Shaw	" "	8 20	"
	Ferdinand Stone	" "	10 80	"
202	B. & M. R. R.	Freight	3 00	"
203	Samuel T. Goodhue	Use of boat	2 00	Maintenance
204	Ambrose Young	Labor Agawam Heights	5 40	Pipe line
	Michael Young	" "	2 80	"
	Chas. McIntyre	" "	1 00	"
	Alfred Young	" "	1 80	"
205	Jas. Graffum	" and materials	3 15	Maintenance
	"	" "	3 90	Services
206	Natl Lead Co.	Lead pipe	24 15	"
	"	Pig lead	22 68	Pipe line
207	Michael Young	Labor	20 81	Services
208	David A. Grady	Team	4 00	Maintenance
209	Jackson Express Co.	Express	1 05	Services
	" "	"	1 25	Pipe line
210	A. D. Mallard	Teaming	1 90	"
	"	"	50	Maintenance
211	A. H. Plouff	Fittings	25	"
212	P. A. Allen	Serv Nov 12 to Dec 3	49 50	"
213	Natl Meter Co.	6 Empire meters	62 40	Services
214	Frank H Howe	Teaming	1 10	"
	"	"	1 50	Repairs
215	Oliver A. Bailey	"	5 00	Storage basin
216	Jas. Dillon	Labor	9 80	Maintenance
217	H. A. Russell	Weighing coal	4 00	"
218	Curtis Damon & Co.	Oil	1 00	Pipe line

No.	Paid To	For What	Amt.	Acct. Applied to
219	B. & M. R. R.	Freight	46	Services
220	Michael Young	Labor	9 56	"
221	Independent Press	Printing	6 00	Maintenance
222	Natl Lead Co.	Lead pipe	24 15	Services
223	Albert Russell & Sons	Pattern and castings	28 48	Pipe line
224	Walworth Mfg Co.	Hydrants, etc.	60 88	"
225	Jas. R. Merry	Labor	8 50	Services
226	Old Colony Trust Co.	Interest	27 20	Int on bonds
227	Albert Tenney	Teaming	30	Pipe line
	"	"	30	Services
228	Malachi Nolan	Labor and materials	5 84	Pipe line
	"	" "	3 99	Services
229	Frank B. Page	" "	1 20	"
	"	" "	4 24	Pipe line
	"	" "	1 00	Maintenance
230	Electric Gas Light Co.	Supplies	78	"
231	Austin L. Lord	Labor and materials	17 75	G house rprs
232	Henry F. Dunnels	Labor	25	Maintenance
233	Ralph V. Villiers	" on wires	8 25	"
234	Thos. Scahill	" "	8 25	"
235	S. F. Canney	Lumber	5 36	"
	"	"	70	G house rprs
236	N. E. Bolt & Nut Co.	Rods and angles	98 00	"
237	John M. Dunnels	Labor and supplies	1 20	Services
238	Nathaniel T. Lowe	Labor	1 10	"
	Walter Brockelbank	"	50	"
239	H. W. Johns Mfg Co.	Asbestos cement	1 75	Maintenance
240	Josiah Wright	Labor and solder	75	Repairs
241	Walworth Mfg Co.	Fittings	2 98	Services
242	John W. Goodhue	Tools and supplies	4 62	Maintenance
243	P. A. Allen	Serv Dec 1 to Dec 31	66 00	"
	"	Services	25	Repairs
244	T. B. Fall & Son	Wood	2 80	Pipe line
245	W. E. Lord	Salary 1898	100 00	Maintenance
246	C. W. Brown	" "	100 00	"
247	W. A. Stone	" "	100 00	"
248	Chas. M. Kelly	Serv Oct 1 to Dec 31	62 50	"
			\$12,301 82	

## II. MAINTENANCE ITEMS.

Commissioners' salaries, 1898	\$300 00
Engineers' services, 1898	858 00
Clerk's " 1898	250 00
Supplies	104 52
Printing and advertising	79 35
Stationery, stamps and books	28 95
Insurance	74 00
Fuel	377 41
Teaming, express and freight	81 29
Repairing wires	34 50
Labour	113 66
Miscellaneous items	41 75
	<u>\$2,343 43</u>

III. RECEIPTS AND EXPENDITURES FOR THE YEAR  
ENDING DEC. 31, 1898.

RECEIPTS.	DISBURSEMENTS.
Appropriations . . . \$3,775 00	Balance Dec. 31, '97 \$ 443 53
Dividend on Ins. Policy 37 50	Maintenance . . . 2,343 43
Sale of apples . . . 5 00	Repairs . . . 106 59
Water rates . . . 6,468 84	" at Gate house . 116 45
Service pipes . . . 332 84	Service pipe construct'n 1,064 32
Miscellaneous receipts . 114 72	Pipe-line " 1,160 48
Money borrowed in an-	Interest on bonds 5,440 00
ticipation of issue of	Sinking fund . . . 1,965 55
bonds . . . 2,500 00	Miscellaneous expenes . 85 00
	Storage basin . . . 20 00
	Balance . . . 488 55
<u>\$13,233 90</u>	<u>\$13,233 90</u>

WATER COMMISSIONERS' REPORT.

IV. COMMISSIONERS' BALANCE SHEET—1898.

DR.	CR.
Bonds and premiums \$144,254 58 Interest . . . . 673 28 Water rates . . . . 22,110 35 Appropriations . . . 21,484 50 Miscellaneous Receipts 58 01 Money borrowed in anticipation of issue of bonds . . . . 2,500 00	Engineering . . . . \$ 3,350 00 Land damage and rights of way . . . . 3,377 65 Pumping station . . . 10,047 41 Pumps and pumping machinery . . . . 8,298 46 Storage basin . . . . 27,693 59 Bull brook supply. . . 1,778 60 Distrib'g reservoir . . 17,827 56 Pipe-line construc'n . . 65,900 59 Service pipe " . . . 6,688 80 Miscel. expenses . . . 2,834 20
	Tot. cost of const'n \$147,796 86 Interest on bonds and notes . . . . . 23,378 32 Maintenance . . . . 9,551 52 Materials and supplies on hand . . . 1,633 94 Sinking fund . . . . 7,773 39 Water rates due and unpaid . . . . . 383 95 Serv. due and unp'd . . . . 74 19 Balance . . . . . 488 55
\$191,080 72	\$191,080 72

## V. SUMMARY OF COST OF CONSTRUCTION TO DATE.

CONSTRUCTION ACCOUNT.	Dec. 31, '97	Year 1898.	Dec. 31, 1898.
Engineering . . . .	\$ 3,350 00		\$3,350 00
Land dam. and rights of way. .	3,377 65		3,377 65
Pumping station . . . .	10,047 41		10,047 41
Pumps and pumping machinery .	8,298 46		8,298 46
Storage basin . . . .	27,673 59	20 00	27,693 59
Bull Brook supply . . . .	1,778 60		1,778 60
Distributing reservoir . . . .	17,827 56		17,827 56
Pine line construction . . . .	64 610 54	1,290 05	65,900 59
Service pipe " . . . .	5,890 44	798 36	6,688 80
Miscellaneous expenses. . . .	2,749 20	85 00	2,834 20
	145,603 45	2,193 41	147,796 86

## VI. SINKING FUND.

RECEIPTS.	INVESTMENTS.
Appropriations 1895 . \$1,700 00	Town of Ipswich,
" 1896 . 1,759 50	school note . . . \$2,000 00
" 1897 . 1,899 08	Ips. Gas Lt. Co. note . 3,000 00
" 1898 . 1,965 55	Ips. Sav. Bank . . . 1,115 89
Interest . . . . 449 26	Salem 5c Sav. Bank . 657 50
	Inst. for Sav. N'b'yp't. 1,000 00
\$7,773 39	\$7,773 39

Ipswich, Mass., January 27, 1899.

I hereby certify that I have examined the foregoing accounts for the year 1898 and find them correct as per vouchers and correctly cast.

(Signed)

HENRY F. DUNNELS, AUDITOR



## ENGINEER'S REPORT.

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To the Board of Water Commissioners :

GENTLEMEN :—I herewith present my report for the year ending December 31, 1898.

### MAIN PIPE.

During the year extensions of water mains have been as follows :

1230 lineal feet of 6 inch cast iron pipe, Spring street

828        “                “                “        Agawam Heights

54        “                “                “        Muddy River Blow-off

A total of 2,112 lineal feet laid the past year.

The number of feet of mains laid to date and the sizes are as follows:

Sizes	Feet
14 inch        .        .        .	1,505
12 inch        .        .        .	10,963
10 inch        .        .        .	8,830
8 inch        .        .        .	17,897
6 inch        .        .        .	28,756

Total 67,951 feet or 12.869 — miles.

There have been five leaks in main pipes during the year which were all in the joints as follows: one in 12 inch; one in 10 inch; three in 6 inch. The 10 inch main pipe on County street opposite Daniel A. Hodgkins when laid in 1894 was laid across the bottom of the culvert instead of under it. This has been fixed the past year in a manner satisfactory to all parties concerned. The bed of the brook on the upper side of the main has been raised level with the same, and a 16 inch tile laid across the road and connected same with a close drain on lower side.

## HYDRANTS.

Three hydrants were set on the Spring street extension and two on the Agawam Heights extension. The total number now set is as follows:

Town	.	.	.	.	.	.	116
Private	.	.	.	.	.	.	6
Total							122

## STREET GATES.

One 6 inch gate was set on Spring street extension, and one 6 inch gate was set on Agawam Heights extension.

The total number now set is	.	.	.	128
-----------------------------	---	---	---	-----

## SERVICE PIPES.

There have been seven leaks in service pipes during the year: six from bad solder joints and one from defective fitting. Forty-two services have been added this year, 35 of which were on the lines of mains which had been laid in previous years. Seven were added on the extension, 3 at Spring street and 4 at Agawam Heights. Total number of services connected with works to date 583.

Forty faucets are sealed at the present time and there are 16 services on which the water is shut off at the sidewalk. [This number does not include services supplying sillcocks only, or those at summer residences where the water is shut off at the sidewalk for the winter.]

Following is an account of the number of feet of service pipe laid (by years) since the works were put in:

	Town		Private		Total	
	Ft.	In.	Ft.	In.	Ft.	In.
1894	4,470	4	2,771	2	7,241	6
1895	5,312	3	6,051	5	11,363	8
1896	2,391	9	2,616	5	5,008	2
1897	896	6	1,991	6	2,882	0
1898	1,112	7	1,318	3	2,430	10

Total 28,926 feet 2 inch or 5.478 — miles.

The kinds of pipe used are lead and galvanized iron, the sizes from  $\frac{3}{4}$  inch to 3 inch.

## METERS.

Twenty-two meters have been set this year. The total number now in use is as follows:

NAME	SIZE		TOTAL
	1 inch	$\frac{5}{8}$ inch	
Crown Piston	2	55	7
Hersey Disc	1	33	34
Nash Disc		4	4
Thompson Disc		2	2
Buffalo Disc		1	1
Union Rot		1	1
Columbia Turbin		1	1
Empire		8	8
Trident		1	1
Elevator Indicator	1		1
10	4	106	110

## PUMPING PLANT.

The buildings at the Pumping Plant are in good condition. The pumping-engines, condenser, feed pump and boilers are receiving a general overhauling and when completed will be in good condition.

## SYNOPSIS OF PUMPING RECORDS

FOR THE YEAR ENDING DEC. 31, 1898.

1898.	Total pumping time per month.		Total amount of coal used per mon.	Average amount of coal used per day.	Total number gal- lons water pump'd per month.	Average number of water pumped per day.	Gals. water pumped to lb. coal used— while pumpg. only.
Month.	Hrs.	Min.	Pounds.	Po'nds	Gallons.	Gallons	Gallons
January . .	25	45	17,753	.572	1,774,320	57,236	.238
February . .	22	15	15,120	.540	1,491,670	53,273	.263
March . .	30	40	18,321	.591	2,055,220	66,297	.257
April . . .	24	15	15,205	.506	1,612,467	53,748	.231
May . . .	24	30	14,165	.456	1,653,875	53,350	.275
June . . .	40	20	14,479	.482	2,793,780	93,126	.282
July . . .	37	15	15,279	.492	2,626,632	84,730	.295
August . .	42	45	16,880	.544	2,881,790	92,960	.277
September .	45	55	18,442	.614	2,963,575	98,785	.243
October . .	11	40	6,560	.211	782,600	57,553	.256
November .	39	45	18,460	.615	2,728,140	57,553	.264
December. .	36	32	17,979	.579	2,383,340	76,881	.252
Total for yea .	381	37	188,643		25,747,409		
Daily av. for yr				.516		70,540	

Tons of coal consumed during the year—84 and 492-2240.

## STORAGE BASIN.

The ninth of October the Storage Basin was blown off and the work of cleaning it out began. This work took about two weeks. There were 273 two-horse loads in all taken out from in front of the different streams and drains that enter the basin. 12 loads were the growth of algae and weeds that were raked up on the sides. This growth appears to form only in shallow water.

The gates were closed Oct. 26th and the basin began to fill. Basin was 24 days in filling. The estimated capacity of basin is 55,000,000 gallons. The quantity pumped to reservoir during that time was 1,703,711 gallons. Total in 24 days 56,703,711 gallons or an average supply of 2,362,654 gallons a day that was yielded by Dow's Brook alone.

Respectfully submitted,

PRINCE A. ALLEN, Engineer.

January 26, 1899.

THOMAS E. CONDON, TREASURER, in account with the WATER BOARD, for the year ending Dec. 31, 1898.

1898		DR.	
Jan. 1.	To cash on hand . . . . .	\$	122 84
" 5.	" Water Board on acct. water rates . .		623 00
" 11.	" div. on ins. policy on power house . .		37 50
" 12.	" Water Board on acct. water rates . .		473 82
" 25.	" " " " . .		362 14
Feb. 1.	" " " " . .		596 21
" 25.	" " " " . .		500 00
Mar. 12.	" " " " . .		104 10
Apr. 25.	" " " " . .		300 00
" 25.	" notes issued in antic'n sale water bonds .		1,500 00
June 16.	" from town on acct. app. in part for '98 .		3,000 00
" 16.	" temporary loan to town returned . .		1,000 00
" 27.	" Water Board on acct. water rates . .		300 00
July 13.	" " " " . .		1,000 00
Aug. 6.	" " " " . .		1,000 00
Sept. 8.	" " " " . .		700 00
Nov. 8.	" " " " . .		500 00
Dec. 8.	" sale of apples from Basin . . . . .		5 00
" 13.	" note issued in antic. of sale of water bonds .		1,000 00
" 13.	" from town, bal. app. for 1898 . . . . .		775 00
" 30.	" Water Board on acct. water rates . .		9 57
" 30.	" " " service piping . . . . .		332 84
" 30.	" " miscellaneous . . . . .		114 72
			<hr/>
			\$14,356 74

## CR.

By cash paid on balance of orders allowed by Water Board for 1897 . . . . .		\$566 37
By cash paid on orders allowed by Wat. Bd. for '98.		12,301 82
Feb. 1.	" temporary loan to town . . . . .	1,000 00
"	" on hand . . . . .	488 55
		<hr/>
		\$14,356 74

Examined and found correct.

HENRY F. DUNNELS, AUDITOR.





(a)

## COMMONWEALTH OF MASSACHUSETTS.—State Board of Health.

## WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE.			ODOR.		RESI- DUE.	AMMONIA.		Chlorine	NITROGEN AS		Oxygen consumed.	Hard- ness.	REMARKS.
Collec- tion.	Exam- ina'n.	Turbid- ity.	Sed- iment.	Col- or.	Cold.	Hot.		Free.	Albu- min'd.		Ni- trates.	Ni- trites.			
1898 Jan. 24	1898 Jan. 24	slight	Cons.	0.46	None.	Faintly veg.	4.70	.0010	.0178	.68	.0100	.0000	.4240	2.0	Bull Brook
Jan. 24	Jan. 24	slight	Cons. sand.	0.60	None.	Distinctly veg.	2.65	.0010	.0434	.35	.0030	.0000	.5760	1.0	Dow's Brook
Jan. 24	Jan. 24	slight	Very slight	0.41	None.	Distinctly veg.	4.15	.0006	.0170	.61	.0080	.0000	.4080	1.7	Storage Basin
Feb. 21	Feb. 21	Very slight	Very slight	0.56	None.	Faintly veg.	4.20	.0004	.0100	.58	.0070	.0000	.4320	1.3	Dow's Brook
Feb. 21	Feb. 21	Very slight	Very slight	0.40	None.	Faintly veg.	4.05	.0020	.0114	.66	.0070	.0000	.3200	1.0	Storage Basin
Mar. 21	Mar. 21	Very slight	Very slight	0.60	None.	Faintly musty.	3.35	.0000	.0110	.51	.0030	.0000	.4720	1.1	Dow's Brook
Mar. 21	Mar. 21	slight	slight	0.49	Faintly musty.	Faintly musty.	4.15	.0016	.0144	.62	.0060	.0000	.3840	1.6	Storage Basin
Apr. 25	Apr. 25	slight	Cons. earthy	1.10	Faintly vegetable.	Dist. veg. & earthy	3.35	.0012	.0246	.33	.0030	.0002	.9520	0.6	Dow's Brook
Apr. 25	Apr. 25	slight	slight	0.50	Faintly vegetable.	Dis. veg. & musty.	4.60	.0014	.0168	.60	.0050	.0001	.4240	1.3	Storage Basin

(b)

## COMMONWEALTH OF MASSACHUSETTS.—State Board of Health.

## WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE,		ODOR.		RESI- DUE.	AMMONIA.		Chlorine	NITROGEN AS		Oxygen consumed.	Hard- ness.	REMARKS
Collec- tion	Exami- na'tn.	Tur- bidity.	Sedi- ment.	Color	Cold.	Hot.	Total.	Free.	Albu- min'd.	Ni- trates.	Ni- trites.			
1898 May 23	1898 May 23	Very slight	Very slight	0.66	Faintly veg.	Distinctly veg.	4.50	.0006	.0132	.0040	.0000	.5040	1.6	Dow's Brook
May 23	May 23	Very slight	Very slight	0.44	None.	Faintly veg.	4.00	.0014	.0184	.0060	.0001	.4320	1.4	Storage Basin
June 20	June 20	Very slight	Very slight	0.38	None.	Faintly musty.	4.70	.0014	.0190	.0020	.0000	.4640	1.6	Storage Basin
June 20	June 20	Very slight	Very slight	0.37	None.	Faintly musty.	4.60	.0012	.0250	.0010	.0000	.4640	1.6	Dow's Brook
July 25	July 25	Very slight	Very slight	0.50	None.	Faintly veg.	5.30	.0010	.0148	.0010	.0001	.5600	1.6	Dow's Brook
July 25	July 25	Very slight	Very slight	0.30	Faintly veg.	Dis. veg. and musty.	4.95	.0012	.0222	.0000	.0000	.4400	1.6	Storage Basin
Aug. 22	Aug. 22	Very slight	Very slight	0.72	None.	None.	5.05	.0010	.0184	.0020	.0000	.4560	1.4	Dow's Brook
Aug. 22	Aug. 22	Very slight	Very slight	0.41	Faintly musty.	Distinctly musty.	5.20	.0014	.0264	.0040	.0002	.5440	1.6	Storage Basin

(c)

## COMMONWEALTH OF MASSACHUSETTS.—State Board of Health.

## WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE.			ODOR.		RESI- DUE.		AMMONIA.		Chlorine	NITROGEN AS		Oxygen Consumed.	REMARKS
Collec- tion.	Exami- na'n.	Tur- bidity.	Sedi- ment.	Color	Cold.	Hot.	Total.		Free.	Albu- min'd		Ni- trates.	Ni- trites.		
1898 Sept 26	1898 Sept. 27	slight	Very slight	0.35	Faintly veg.	Distinctly veg.	5.05		.0020	.0232	.58	.0030	.0000	.4400	Dow's Brook
Sept 26	Sept. 27	slight	slight	0.32	Faintly veg.	Distinctly veg.	5.05		.0018	.0218	.51	.0020	.0000	.4720	Storage Basin
Oct 24	Oct. 25	none	Very slight	0.85	Faintly veg.	Faintly veg.	4.95		.0000	.0136	.45	.0010	.0000	.9600	Dow's Brook
Oct 24	Oct. 25	dec'd	slight	0.89	Faintly veg.	Faintly veg.	6.20		.0076	.0316	.46	.0050	.0001	.9920	Storage Basin
Nov 21	Nov. 21	Very slight	Very slight	0.90	None.	None.	4.15		.0002	.0156	.41	.0010	.0000	.9120	Dow's Brook
Nov 21	Nov. 21	slight	slight	0.63	None.	None.	5.05		.0026	.0172	.48	.0070	.0000	.6240	Storage Resv
Dec 27	Dec. 28	Very slight	Very slight	0.30	None.	Very Faintly veg.	3.85		.0002	.0060	.45	.0060	.0001	.3280	Dow's Brook
Dec 27	Dec. 28	slight	slight	0.41	None.	Very Faintly veg.	4.80		.0010	.0126	.50	.0060	.0003	.4320	Storage Basin



# Town of Ipswich.

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## ANNUAL REPORT

OF THE

# SCHOOL COMMITTEE



For the Year Ending Dec. 20, 1898.

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IPSWICH:  
INDEPENDENT PRESS.  
1899.





## SCHOOL COMMITTEE.

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JOHN W. NOURSE . . .	TERM EXPIRES IN 1901
CHARLES W. BAMFORD . . .	“ “ 1901
MILO H. GATES . . .	“ “ 1900
CHARLES S. CUMMINGS . . .	“ “ 1900
HARRIET E. NOYES . . .	“ “ 1899
JOHN H. COGSWELL . . .	“ “ 1899



# ORGANIZATION.

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JOHN W. NOURSE, CHAIRMAN.

JOHN H. COGSWELL, SEC'Y.

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## Sub-Committees.

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### HIGH SCHOOL

MR. NOURSE,

MR. GATES.

### GRAMMAR SCHOOLS

MR. BAMFORD,

MRS. NOYES,

MR. COGSWELL.

### PRIMARY SCHOOLS

MR. CUMMINGS,

MRS. NOYES,

MR. COGSWELL.

### APPLETON SCHOOL

MR. GATES.

### ARGILLA SCHOOL

MR. CUMMINGS.

### CANDLEWOOD SCHOOL

MR. BAMFORD.

### LINEBROOK SCHOOL

MRS. NOYES.

### VILLAGE SCHOOL

MR. NOURSE.

### WILLOWDALE SCHOOL

MR. COGSWELL.

### ON REPAIRS

MR. COGSWELL,

MR. CUMMINGS.

### LABOR CERTIFICATES

MR. BAMFORD.

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### TRUANT OFFICERS

FRANK B. PAGE,

WM. H. BROCKLEBANK.

# LIST OF TEACHERS

January 1, 1899.

HIGH SCHOOL . . .	{	JOHN P. MARSTON . . .	Principal
		EMMA G. GARDNER . . .	Assistant
		ANNIE C. HATCH . . .	"
MANNING GRAMMAR	{	JOSEPH I. HORTON, . . .	Principal
		LUCY HAMLIN . . .	Assistant
		CARRIE L. LAKEMAN . . .	"
		M. ELMA SMITH . . .	"
WINTHROP GRAMMAR	{	S. ISABEL ARTHUR . . .	Principal
		EVA M. PURINTON . . .	Assistant
		E. MABEL ADAMS . . .	"
		MABEL A. WILLIS . . .	"
COGSWELL SCHOOL	{	KATHERINE C. BAKER . . .	Principal
		LUCY A. KIMBALL . . .	Assistant
DENNISON SCHOOL	{	ANNIE P. WADE . . .	Principal
		GRACE E. SMITH . . .	Assistant
PAYNE SCHOOL . . .	{	EVA A. WILLCOMB . . .	Principal
		KATHARINE F. SULLIVAN . . .	Assistant
		MYRTA B. DECATUR . . .	"
WAINWRIGHT SCHOOL		LOUISE L. GLOVER.	
APPLETON SCHOOL . . .		MARTHA U. LORD.	
ARGILLA SCHOOL . . .		CORA A. SMITH.	
GRAPE ISLAND SCHOOL		CORA H. JEWETT.	
LINEBROOK SCHOOL		EDITH F. PERLEY.	
VILLAGE SCHOOL . . .		ISABEL G. BROWN.	
MUSIC . . . . .		LAURA A. HUBBARD.	
DRAWING . . . . .		HARRIET D. CONDON.	

## Numerical Statement.

Number of children in town between the ages of 5 and 15 years, according to census taken in May, 1898,	793
Number of pupils enrolled in Public schools	836
In High School	57
In Grammar Schools	346
In Primary Schools	357
In Ungraded Schools	77
	836

NOTE. In connection with the above it should be stated, that the number enrolled includes 149 pupils who are above fifteen years of age.

## Enrollment and Attendance.

NAME OF SCHOOL.	No En- rolled.	Av. Mem- bership.	Average attendance	Per cent of attendance
High School . . .	57	55.5	52.5	93.7
Manning Grammar . . .	129	111.6	101.5	91.3
Winthrop Grammar . . .	217	178.8	162.5	91
Cogswell School . . .	81	61.9	55.1	89
Dennison School . . .	111	85.7	76.4	89.3
Payne School . . .	131	100.4	88.4	88
Wainwright School . . .	33	29	25.3	87.5
Appleton School . . .	10	8.2	7.	85.4
Argilla School . . .	8	7	5.6	80
Candlewood School (6 mos.)	10	8.5	7.4	87
Grape Island School (4 mos.)	3	3	2.9	96.7
Linebrook School . . .	20	17	14.8	87
Village School . . .	8	6.7	6.4	94.2
Willowdale School (6 mos.)	18	16.4	13.7	83.5
	836	689.7	619.9	89.9





# REPORT.

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The year just completed has been one of progress along many lines and the present conditions for successful work are, in many instances, much better than they were one year ago. Ethical and intellectual progress however is often better recorded in the changes in the meaning of words than else where, and the term "educational progress" has come to mean the making not alone of able scholars but of upright and moral men and patriotic citizens. Montaigne says, "We have not to train up a soul nor yet a body, but a man, and we cannot divide him." Education has in view life, and not scholarship. Just as in art, manufactures, commerce and science new ideas are constantly advanced, so in education methods are employed now which a little time ago were unknown. Instead of the "three R's" our text is the three H's, hand, head and heart. Mistakes, doubtless, will be made in the future, as in the past, but it will be better to have the mistakes made in going forward, rather than in standing still or in going backward. There is no farther use for the "As-it-was-in-the-beginning, is-now-and-ever-shall-be" kind of teachers, and Ipswich is to be congratulated that few, if any such are to be found in its corps of instructors. The general tendency is to broaden culture; whether the result will be to make it less deep and thorough

the future will tell. The prophets of the future predict wonderful things in regard to education and carry it even to the ethereal regions, but at present men are still making their living on the earth, and it is more than probable that the average child of the twenty-fifth century will be much like that of the nineteenth. "Make haste slowly," is by no means a bad educational motto. The future will belong to that nation which learns the truth and makes the most of it for education, which is the "key to the wisest use of the materials of nature and of life."

In connection with our own educational system several inquiries suggestive of public interest may be made. Are we teaching too much? Are we teaching the right things? Are we teaching our children how to study as well as what to study? Are we thinking too much for the pupils or leading them to think for themselves? Are we clinging too closely to form and text-book? Are we relying too much on memory and per cent. in examinations? Are we considering the physical welfare of our children as well as the mental? And, on the other hand, are we always acting wisely and patiently in regard to the intellectual measles and mumps incidental to the early stages of education? These inquiries are worthy of attention.

It is evident that we need courses of study adapted to pupils' powers, rather than representing the views of the ambitious theorist.

To plan intelligently for a child's education means to keep him constantly at something that is new and something that is real to him; something adapted to his capacity and related to what he already knows; and a pupil's grade should be changed just as often as it may be seen that he is either over taxed where he is, or that he is not taxed enough. To this end the committee has endeavored to provide a well-considered course of study and the teachers of the various grades have conscientiously fol-

lowed the suggestions. One great danger has been in attempting too much. As Artemas Ward said of his school life, "I tried to do too much and I did it." Especially has this been the case in the primary schools, which today are doing the greatest work in education. In the higher schools it is a matter of time and mental ability, but the pupil has been tested. In the primary school the problem is how to start him right and to give him the preparation best suited to his own individual needs. Heretofore we have acted upon the principle laid down by the framers of our immortal declaration that, "all men are born free and equal" and we have considered all children "equal,"—equal to anything, apparently. But we have come to realize that whatever course may be decided upon, whether for lower or higher grades, it must not be so stiff and rigid as not to admit of modification, to adapt it the better for gaining the proposed end, which is the training of each particular child. The system is for the pupils, not the pupils for the system.

Several important changes have been made in the school work. Less attention is paid to mathematics and more time is devoted to literature, science, history and nature study. Mathematics, of course, has an indispensable place in education and its practical side is taught,—and well and thoroughly taught, in our Ipswich schools, but the pupil no longer spends one fourth of his school life in working examples. Both the retrospect of the year now ending and the outlook for the coming year are encouraging. Teachers have realized more fully the dignity of their work; pupils as a rule have been interested and parents have been more zealous for their children's education. Of the 836 scholars enrolled in the schools, 149 are above 15 years of age.

At the beginning of the school year several departures were made from the "straight and narrow way" which we have trodden so long. In the judgment of the committee the time had come when, to close the Willowdale school

and transport the children to town, where their advantages would be largely increased, would be the right and proper thing to do. After consulting each parent in the district the plan was adopted and so far has worked well. As yet it is in its experimental stage. While the actual per capita cost will not be greatly less than that of maintaining the school at Willowdale, the gain to the children will be much greater. After careful consideration and consultation with the parents in the Candlewood district, it was decided to follow the same plan in regard to the school in that section of the town. As at Willowdale, the desire for its discontinuance was unanimous on the part of the parents. The trolley cars made transportation an easy matter. The scholars who have enjoyed for the first time, the privileges of our thoroughly graded schools already show that the change has been beneficial. The stimulus of the larger school and the more systematic teaching,—for the best teachers in the state would find it impossible to teach systematically in the ungraded, “out district” schools, has stirred the ambition and awakened the enthusiasm of these scholars and many of them will be ready for promotion at the end of the school year. Apparently, the plan is a success and the problem of better teaching for the out-district schools is solved so far as these two are concerned. Four still remain, the Appleton, Argilla, Linebrook and Village. At the latter school, the number of pupils is small, and, probably, should the proposed electric railway become an established fact, the children would be brought to town. Several parents at Linebrook would like to be included in the centralization plan, but at present the cost of transportation would be too great. At Argilla and Appleton a part of the parents object to a change.

For the first time also since “Adam delved and Eve spun”, the committee can report that every school-room in the central part of the town is well and properly furnished.



Single desks have been placed in the Cogswell (lower) primary and in both rooms at the Payne building, where desks and chairs had outlived their usefulness and were in constant need of hospital treatment. With ordinary care on the part of teachers and pupils, it should be many years before the refurnishing of any room will be necessary. More quiet and orderly rooms and better work has been the result of the change. Sanitary conditions also have received attention and have been improved when possible.

Owing to illness among the teachers, many changes and promotions have been necessary. That such changes have been made with but a few hours break in the school work, the teachers taking up the advanced work almost at a moment's notice, and the pupils readily adapting themselves to the new regime,—proves the admirable harmony existing in our schools and the benefit of the closely connected sequence of grades, which was accomplished nearly three years ago. This continuity of work from Primary to High school, while not yet all the committee could desire, is being systematized as rapidly as possible.

Among the changes referred to was that at the Winthrop school, where Miss Smith the principal was granted leave of absence until April and the teachers in the several rooms were moved up one grade, Miss Willcomb being temporarily transferred from the Payne to the Winthrop. Miss Sullivan and Miss Grace E. Smith took entire charge of the two rooms at the Payne school and performed very cheerfully the work usually requiring three teachers. In September, by the enforced absence of the honored principal of the Manning Grammar school, a second temporary promotion was made necessary, and once more the teachers were moved on. Excellent results have followed and the teachers are to be commended for their hearty and cheerful co-operation with the committee.



The attendance has been satisfactory in nearly all the schools. In the primaries the per cent. has been lessened by an epidemic of measles, followed by whooping cough, and in one or two instances by habitual truancy. Despite these drawbacks the schools have made a reasonable advance.

No cases of harsh ruling have been reported during the year, although in most cases the schools have been well disciplined. If the hand has been "of iron" it always "has worn a glove."

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## PRIMARY SCHOOLS.

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GRADES I, II AND III.

WHOLE NUMBER 356.

There are four primaries comprising seven rooms, in which are found the first, second and third grades. For obvious reasons children cannot be classed upon their first entrance to school, and extra time is needed for each particular pupil. Considering this, the committee still adhere to the rule that only in September, the beginning of the school year, can entrance be permitted to these little ones. The teachers of the primary grades have been alert and interested in their work. With the exception of Miss Glover, who was transferred at the closing of the Candlewood school to the Wainwright, all the teachers have had previous experience in large schools. To make a successful primary teacher requires gifts that no other grade demands, and nowhere else does the personality of the teacher so stamp itself upon the school. In no other grade is it so necessary that school and home should be kept in touch and made to act in harmony. With rare exceptions this harmony has existed during the past year and has been a potent factor in school life.

Several scholars who were promoted from the first to the second or from the second to the third grade in January of last year, were ready for a farther promotion in September. It is a principle as old as humanity and as new as the morning newspaper, that children learn to do by doing; and in these grades the children are taught to do more than to think. Reading, writing and number work form a trinity of studies which may be supplemented by oral lessons in Geography, and nature study. Reading, however, is of the greatest importance during the first four years of school life, and the habit formed at this time will have much influence upon subsequent progress. Good reading is the corner stone of the whole educational temple. Many children in our primary schools write well, the vertical system now in use, being especially adapted to beginners. Music and drawing are taught in all the primary schools and the children are greatly interested in both studies.

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## WINTHROP GRAMMAR.

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GRADES IV, V, VI, VII.

PRINCIPALS—Miss M. Elma Smith, Miss S. Isabel Arthur.

ASSISTANTS—Miss Eva Purinton, Miss Mabel Adams, Miss Mabel Willis.

Miss Smith's promotion to the Manning School in September placed Miss Arthur at the head of the Winthrop, a position for which she has proved herself eminently fitted. Under her quiet and dignified rule the school has gone on without any apparent friction. Her assistants have been of one mind and while each has preserved her own individuality, all have worked together for the good of the school.

The pleasant environment has helped the children to a larger knowledge and to stronger habits of order and neatness. A greater interest in punctual attendance has been awakened and the scholar who is absent or tardy is a rare exception. The pupils come here from the several primaries and out-districts and to assimilate the various elements requires careful consideration and sound judgment. The task will grow less difficult each year as the primary teachers work more and more upon one systematic plan.

When the "whole lump has become leavened," the scholars are usually advanced from room to room in September; a few only of exceptionally high standing, or of those who were conditioned at the beginning of the year, being promoted in January. The aim is not to have a certain number of children more forward in solid phalanx when September comes, a plan which might do for wooden images, but to give each child just the chance which a growing human being needs.

The course for this school includes reading, spelling, number work, geography, language, history in a simple form, music and drawing. Nature study, bird study and other incidentals also come in for a share of attention, and the pupil is taught how to study and how to value knowledge. The committee has been especially pleased with the practical and intelligent manner in which language and geography have been taught. The former is especially noticeable in the stories written by the children, where very few orphaned participles and widowed nouns are found, but the sentences are simple and well constructed. In June, 33 scholars were promoted to the Manning school and in January ('99), five more were advanced.

The visiting days in the several rooms were attended by large numbers of friends and parents, and the scholars acquitted themselves creditably.

The number of pupils now enrolled is 217.

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## MANNING GRAMMAR.

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GRADES VIII and IX.

WHOLE NUMBER 129.

PRINCIPALS—Mr. Joseph I. Horton, Miss Hamlin. ASSISTANTS—Miss Lakeman, Miss M. Elma Smith.

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The illness of Mr. J. I. Horton at the beginning of the year and his consequent inability to assume his duties as principal, which for more than twenty years he has performed so successfully, was an occasion of more than ordinary interest and regret to committee, parents and pupils. Mr. Horton has many gifts. He has the faculty of administration and the ability to keep all the school machinery working constantly and efficiently. He is earnest, sympathetic, devoted and enthusiastic, and the personal power of such a teacher is a sure element of success. With it, a man will make of his pupils a flock willing to follow wherever he may lead; without it, the best educated man in the world will find his teaching fruitless. Like Sisyphus he will find himself forever "rolling his stone up hill, without ever getting it to the top." Mr. Horton's zeal and strong love for his work are well known, and to none better than to the boys and girls who have gone out into the world from his kindly care. When, therefore, it became known to the committee that this forceful energy must be lost, for a time at least, to the Manning school, a four months' leave of absence was granted Mr. Horton. Miss Hamlin was placed in the principal's chair, a position she has occupied with dignity



and a marked degree of success. Having been associated with the principal for many years, she knew better than any one else, the lines upon which Mr. Horton worked and has followed them zealously and faithfully. Miss Lakeman was promoted to the position of first assistant and with her customary energy and unvarying cheerfulness, she has helped the principal in maintaining the high reputation of the school. Miss Elma Smith was transferred from the Winthrop to be second assistant and with her ready adaptability has filled the niche acceptably. In December, Mr. Horton's leave was extended to the end of the school year and the arrangement effected in September still continues. The manner in which the school has gone on during the past year shows that the influence of the beloved principal is still felt and is a powerful incentive to good work.

With entrance at the Manning school the pupil takes up new work, leaving the concrete and advancing into the region of the abstract. Higher arithmetic, technical grammar, physiology and algebra are commenced here. During the past two years the teachers have made a commendable effort to awaken in the minds of their scholars a love for the really good in literature and some of our best authors have been studied. Goldsmith's "Deserted Village", Whittier's "Snowbound", George Eliot's, "Silas Marner" and many of the short poems of Longfellow have been taken up, to the pleasure and profit of the children. The writing, spelling and drawing in this school are especially praiseworthy. An exhibit of the year's work in drawing was made at the close of the summer term, which attracted more than 200 visitors.

The graduating class of June '98 numbered 25, nineteen of whom entered the High school in September. One was admitted to the High school in Brockton.

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List of pupils from the Grammar school who received diplomas June 29, 1898.

CHRISTINA CHISHOLM,  
ETHEL LENA CLARKE,  
ABIGAIL VIOLET HARRINGTON,  
MYRA COMERY GOODHUE,  
GRACE CHOATE LORD,  
IRENE FRANKLIN FELLOWS,  
ERNEST HERBERT PICKARD,  
EDWARD CALDWELL BROOKS,  
EDITH TITUS ELLSWORTH,  
HENRIETTA REGINA JOYCE,  
KATHARINE MARIA PLAYER,  
CHESTER ASA BOLLES,  
IDA MAY CHURCHILL,

ALICE EVELYN PERKINS,  
IDA MAY BUTLER,  
MYRA LORD,  
HARRY WILLIAM GARRETTE,  
LIZZIE ALICE CHEEVER,  
GEORGE TAYLOR,  
LILLIE ALICE MAY BRYANT,  
LYDIA HAYES MCINTIRE,  
MAUDE ESTHER LITTLEFIELD,  
GRACE CORNEE LAFFY,  
WILBUR EDWIN DUPRAY,  
WALTER WINFIELD WRIGHT.



## PROGRAMME, JUNE 29, 1898.

	PIANO DUET,	
"Quickstep"		Misses Goodhue and Harrington
Invocation		Rev. George F. Durgin
	SINGING,	
a. "The Happy Miller"	}	School
b. "The Nation's Hymn of Praise"		
	COMPOSITION AND SALUTATORY,	
"Happiness Has No Locality,"		Christina Chisholm
	RECITATION,	
"The Philosopher,"		Walter W. Wright
	COMPOSITION,	
"William Gladstone,"		Edwin C. Brooks
	RECITATION,	
"In the Tower,"		Alice Perkins
	COMPOSITION,	
"Was the Cuban War Necessary?"		Chester A. Bolles
	SINGING,	
a. "Hark! To the Woods,"		Girls Semi-Chorus
b. "The Bugler,"		School
	RECITATION,	
"Jonathan to John,"		Harry Garrette
	COMPOSITION,	
"Frances E. Willard,"		Katie Player
	RECITATION,	
"Order for a Picture,"		Irene Fellows
	COMPOSITION,	
"Work,"		Edith Ellsworth
	RECITATION,	
"The Prize Violin,"		Ida Butler
	COMPOSITION,	
"Our Friends,"		Abbie Harrington
	SINGING,	
"Gloria," From Mozart's Twelfth Mass,		School
	RECITATION,	
"Angels of Buena Vista,"		Etta Joyce
Class Prophecy		Ernest Pickard
	RECITATION,	
"The Flight,"		Lillie M. Bryant
	COMPOSITION AND VALEDICTORY,	
"True Success,"		Myra Goodhue
Presentation of Diplomas,		Charles W. Bamford
	SINGING OF CLASS HYMN,	
Benediction,		Rev. Edward Constant

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## HIGH SCHOOL.

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PRINCIPAL—Prof. J. P. Marston—ASSISTANTS—Miss Gardner, Miss Hatch.

WHOLE NUMBER 57.

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The year of '98 has been one of steady and quiet progress under the firm hand of Mr. Marston, who entered in September upon his fourth year of efficient service. His efforts have been supplemented by the unvarying dignity of Miss Gardner and the gentle discipline of Miss Hatch. The latter was elected as second assistant in September, Miss Crocker having resigned the position for a similar one in the Salem High school. Miss Hatch is a graduate of Boston University and previous to her coming to Ipswich, had been one year as pupil teacher in the High school at Winchester. She is, as St. Paul expresses it, "apt to teach" and her classes have made a noteworthy advance. Miss Gardner has completed another year of faithful and skillful instruction and her intelligent work is appreciated by pupil, parent and committee. With this trio of instructors the year's work has gone on with little interruption.

The High school, or "People's College" as it has been called, brings within the reach of all, opportunities for the higher and broader education which, otherwise, might be beyond the reach of many boys and girls who have a genuine hunger and thirst for knowledge. There has been sometimes a tendency to underrate the value and importance of the High school, and its influence upon the life work of our young people, but one of our well known writers says of it, "The possibility of gaining knowledge and of attaining eminence through that knowledge, which is thus open to the

children of the poorest man in the State, is of incalculable value to the State itself." The steady encouragement of individual effort and individual energy which is to be found in our High schools will open the door to all kinds of knowledge. Such effort requires courage, character, self-dependence and earnest purpose on the part of teacher and pupil. Too many of our scholars seem to lose the earnest purpose and high aim which characterize their earlier school life. They "count themselves as having already attained" that for which they have been working, and their teachers find it up-hill work to awaken their ambition. Of the twelve pupils that graduated in June two only have elected to continue their studies. They are Miss Daisy Bond and Miss Lydia Caldwell Daniels, who entered the Salem Normal school in September after having passed a fine examination.

For the first time in the history of the school an address was substituted on Graduation Day, June 30, for the usual class essays and recitations. It was an experiment, but after one trial the principal of the school and his assistants, as well as the committee, expressed satisfaction at the change. The address of Dr. Mears was able, scholarly and instructive, and well-calculated to benefit the class to whom it was especially addressed. The plan does not do away with the competitive work in the class, as salutatory and valedictory are still assigned by rank. If the pupils and their friends are satisfied with the change there seems to be no good reason why the new program should not be continued. The present class has asked the same privilege and the scheme will be given another trial. Rev. Charles M. Southgate of Newton, a graduate of the old High school in Ipswich, has accepted the invitation of the committee to deliver the address on Thursday, June 29, 1899. For the first time in several years an orchestra was substituted for

vocal music on the last Graduation Day. It is hoped that the present class will substitute vocal music for the orchestra.

The class entering in September 1898, numbered 21, two of whom came from Rowley. The whole number is somewhat smaller than that of last year. The course of study has been broadened somewhat. Music and drawing are elective studies in the High school, but those who have taken one or both branches have made commendable progress. Twelve scholars graduated in June, as follows :

CLASSICAL COURSE.—FOUR YEARS.

Harry Kimball Damon, William Frederick Saunders.

LATIN COURSE.—FOUR YEARS.

Bessie Maria Bolles, Daisy Bond, Lydia Caldwell Daniels,  
Mabel Adams Thurston, Minnie Blanche Thurston,

ENGLISH COURSE.—THREE YEARS.

Mabel Charlotte Barker, Emma Appleton Brown, Harry  
Lord Ellsworth, Ada Snow Lewis, George Alfred Player.

TWENTY-FOURTH ANNUAL COMMENCEMENT  
OF THE  
Manning High School---Class of '98.  
JUNE 30.

PROGRAMME,

MARCH.

INVOCATION . . . . . Rev. T. F. Waters

MUSIC.

SALUTATORY . . . . . Bessie M. Bolles

MUSIC.

ADDRESS TO GRADUATES—"Our Public Schools as National  
Safeguards" . . . . . David O. Mears

MUSIC.

VALEDICTORY . . . . . Harry K. Damon

AWARDING OF DIPLOMAS . . . . . Chairman School Committee

CLASS ODE . . . . . Ada Snow Lewis

I.

When we as class-mates leave our school to-day  
We separate, for each his path must choose;  
For some so long, so difficult the way  
That, ere the end, they may their courage lose.

II.

We take our place in this the school of life,  
Nor do we now our secret powers know;  
Our feelings hurt, in this cold world, are rife  
On every side beset by cruel foe.

III.

Yet may we all receive the word of joy  
From Him who in His majesty holds all;  
Oh may we know the peace without alloy  
And never wearied, fall beyond recall!

—ADA SNOW LEWIS.

BENEDICTION . . . . . Rev. M. H. Gates

MUSIC.



## UNGRADED SCHOOLS.

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### NUMBER OF PUPILS 77

Reference already has been made to the discontinuance of the Candlewood and Willowdale schools. Whether or not the closing shall be made permanent is a matter for the citizens of the town to decide. Four schools are still continued and the teachers have done as good work as the unfavorable conditions under which they labor will permit. Miss Lord is still in charge at the Appleton and Miss Cora Smith has resumed her work at Argilla, after an absence of five months on account of illness. Miss Cora H. Jewett substituted acceptably while Miss Smith was away. Miss Edith Perley was transferred from Willowdale to Linebrook in September, Miss Todd having resigned to take up the work of a graded school in Rowley. Miss Perley's work meets with the approval of parents and committee. Miss Isabel G. Brown is the only new teacher in the ranks and her year's work at the Village school has been successful. Miss Brown is a graduate of the Salem Normal school and, with experience, will become a valuable teacher. None of these teachers can be expected to accomplish the results attained by the central schools where there must be, of necessity, more enthusiasm and emulation. The Grape Island school was opened in June and continued four months, when it came to an untimely end, by reason of the children who were entered upon its register leaving the island for the winter. Miss Jewett has taught here for several years and has accomplished good results.



## REPORT OF DRAWING TEACHER.

To the Secretary of the School Committee:

Those who visited the school exhibitions last June have an idea of what has been done in the subject of drawing the past year. Although we could not for lack of space exhibit all the work of the year, we did, I think, show at least one example of each week's work.

The course is broader than when the subject was introduced six years ago.

The newest features are; the sketching from life, the pupils posing for one another; sketching from animals, the children being only too happy to bring their pets for models; and in connection with nature study, sketching the stuffed birds from the fine collection in the Manning Building.

The mediums of expression are pencils, charcoal, colored crayons, ink and water colors. In the latter, nearly all the spring and fall work is done from the sixth grade up, to the delight of the pupils

Drawing in the High school is elective. At the present time there is a class of twenty with a lesson period of one hour a week. As part of the class takes mechanical drawing while the remainder take free-hand work, the time allotted is rather meagre.

The High school needs a suitably equipped studio. Such a room furnished with casts, pictures, art books, etc., would be elevating and inspiring to the whole school. Could not the unused room corresponding to the High school recitation room be converted into a studio at a small expense?

A few new pictures have been added to the school rooms, generally through the industry of the pupils and teachers. The primary rooms where children's minds are more receptive than in any other grade, still lack one example of good art. It may be that the Ipswich Woman's

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Club will follow the example of the clubs in our neighboring towns and interest themselves in the subject of Art in the Public schools.

Respectfully submitted,

HARRIET D. CONDON.

### REPORT OF MUSIC TEACHER.

To the Secretary of the School Committee :

The result of the year's work in music has been most satisfactory. This work begins in the lowest Primary grades and is perhaps quite as interesting here as in any grade.

If any one wishes to understand the power of music let him go into one of these schools where there are fifty small children, restless and full of mischief ; and when everything else fails to quiet them sing to them a little song, giving careful attention to rhythm and expression. Immediately there will be perfect stillness in the room; the little ones will be ready to tell you the story which has been sung, and perhaps to sing it with you

Those children who have a love for music at this early age, show the same interest through all the higher grades and are thus given an opportunity of making it useful to them in life.

Too much cannot be said in praise of the regular teachers who enter into this work with so much interest and enthusiasm and who are always so courteous and helpful.

Respectfully submitted,

LAURA A. HUBBARD.

### TRUANCY.

Our efficient truant officers leave but little work for the committee in this line. Despite their vigilance, however, the truant is still with us and there seems to be a great many of "him" as the appended report will show. The committee heartily concur in the opinion of the officers in regard to the number of cases of truancy and their chief cause.

### TRUANT OFFICERS' REPORT.

To the Secretary of the School Committee :

The whole number of truants for the year has been 46. Of these, nineteen have been visited more than once and notified that they must be at school. Several of them are habitual truants. As in years past it may be said of this year, that the parents make it too easy for the children to stay at home. A slight excuse and often no excuse at all is offered for their absence. If the parents did not make it so easy the number of truants would be far smaller than it has been this year.

Respectfully submitted,

FRANK B. PAGE,	} Truant
WM. H. BROCKLEBANK,	

### PROMOTIONS,

The following rules respecting promotions have been adopted by the committee.

1. Promotions from one grade to one next higher are, as a rule, made only at the beginning of the school year; but in exceptional cases, in schools other than the High school,

promotions may be made at other times under the direction of the sub-committee in charge of the schools.

2. Pupils, who have been two years in a grade and who have been regular in their attendance and faithful in their work, may, on recommendation of teachers with the approval of the committee in charge of the school, be advanced to the next grade without having reached the required standing.

3. In the Grammar school examinations shall be held at the end of each term, and no pupil will be promoted or graduated whose average rank is less than seventy-five per cent and whose rank in any one study is less than sixty per cent.

4. In the High school similar examinations shall be held and the same standard will be required for advancement or graduation.

5. Every scholar completing the prescribed course of study in the high or grammar schools shall be entitled to a diploma from the board provided the attendance, deportment and scholarship be satisfactory.

### SCHOOL BUILDINGS.

The buildings in the centre of the town are in fairly good condition, with the exception perhaps of the Dennison. The Winthrop building has had its insurance renewed and the other buildings should be insured, especially those in the out-districts which are no longer occupied. Should the town see fit to close these schools permanently the buildings would find a ready sale as they are in good condition. Or, should additional accommodation be needed in the centre of the town, it would be an easy matter to move one of these buildings and utilize it as an annex to one of the primaries.

At present the school accommodations are amply sufficient for the number of pupils.

The committee take pleasure in reporting that not only have they kept within their appropriation, but that the amount expended during the year has been \$1150 less than in 1897, and that a balance of \$600 is still to their credit in the treasury.

# SUMMARY OF EDUCATIONAL LAWS.

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## CHAPTER 498.

Sect. 1. All children between the ages of 8 and 14, unless sick, feeble-minded, at an approved private school, or otherwise instructed, must attend the public school 30 weeks of the school year. They must begin within the first month of the fall term. Two weeks absence is allowed. Penalty \$20 for each five days excess of 2 weeks, unless caused by sickness, or excused by the school committee.

## CHAPTER 508.

Sect. 13. No child under 13 years of age shall be employed at any time in any factory, workshop, or mercantile establishment during the hours when the public schools of the city or town are in session.

## CHAPTER 508.

Sect. 14. No child between 13 and 14 years of age, shall be employed unless he has attended school 30 weeks of the school year.

## CHAPTER 508.

Sect. 16. No child under 16 years of age shall be employed without a certificate from the school authorities.

## CHAPTER 48.

Sect. 6. The father, if living and a resident, must ac-



company the child to sign the certificate of age, if not, the mother; if neither the father or mother, the guardian.

#### CHAPTER 291.

Sect. 7. Proof of correct age must be furnished, if the age certificate does not agree with the school census.

#### CHAPTER 47.

Sect. 9. Children must be vaccinated before attending school, unless [Amendment, Chap. 515, Sect. 1.] a certificate signed by a regular physician, is presented, saying the child is an unfit subject for vaccination.

#### CHAPTER 198—ACTS 1885.

No child shall attend school from a household in which there is a case of small pox, diphtheria, or scarlet fever. Two weeks after the death, recovery or removal of the patient, the child may return on presentation of a certificate from the attending physician or board of health.

#### CHAPTER 422.—ACTS OF 1889.

Truant officers may be authorized by the school committee, to apprehend and take to school without warrant, all truants found wandering about in the streets or public places.

#### CHAPTER 249.—ACTS OF 1889.

Any child between 7 and 15 years of age, convicted of being an habitual truant, may be committed for two years to any institution provided therefor.

#### CHAPTER 3.—ACTS OF 1890.

In all the public schools in the commonwealth, the last regular session prior to Memorial Day, shall be devoted to exercises of a patriotic nature.

## NEXT SCHOOL YEAR.

First term, 15 weeks begins Tuesday September 5 and closes Friday December 15, 1899.

## VACATION OF TWO WEEKS.

Second term 13 weeks, begins Monday January 1, 1900 and closes Friday March 30, 1900.

## VACATION OF ONE WEEK.

Third term, 12 weeks, begins Monday April 9 and closes Thursday June 28, 1900.

There will be no school on Friday of Thanksgiving week nor on any of the legal holidays.

Regular meeting of the school committee Tuesday before the first Wednesday in each month.

# FINANCIAL STATEMENT.

## RECEIPTS.

Town Appropriations (1898)	\$13500 00	
Received from State School Fund,	195 02	
“ “ Dog Licenses,	440 23	
“ “ Scholars from other towns,	84 69	
		<u>\$14219 94</u>

## EXPENDITURES.

Trustees Manning School,	\$1350 00	
Teachers Salaries,	8897 00	
Books and Supplies,	1022 73	
Care of School Buildings,	676 40	
Fuel,	504 30	
Repairs,	440 47	
Incidentals	686 68	
		<u>\$13577 58</u>
Balance due the schools, Jan. 1899		<u>\$642 36</u>

## APPROPRIATIONS FOR 1899.

The committee recommend the following appropriations for year 1899.

For High School, (as per contract)	\$ 1350 00
For Common Schools, (Teachers' Salaries)	8000 00
For Transporting Scholars from out-districts,	800 00
For Text Books and Supplies,	950 00
For Care of School Buildings,	600 00
For Fuel,	600 00
For Repairs,	200 00
Total,	<u>\$12500 00</u>

Respectfully submitted,

JOHN W. NOURSE,	}	SCHOOL COMMITTEE.
CHAS. W. BAMFORD,		
MILO H. GATES,		
CHAS. S. CUMMINGS,		
HARRIET E. NOYES,		
JOHN H. COGSWELL,		

# BURLEY EDUCATIONAL FUND.

The Trustees of the Burley Educational Fund in Ipswich, presents to  
Inhabitants of Ipswich in legal meeting assembled their

## SEVENTY-THIRD ANNUAL REPORT.

The funds in their hands consist of fifteen shares of the capital stock of the Portsmouth, Saco and Portland Railroad Company, the market value whereof is about \$115 per share and the total value being about

	\$1725 00
One note of the Town of Ipswich for . . .	\$3500 00
Deposited in Salem Saving Bank . . . .	1001 25
Deposited in Ipswich Saving Bank , . . . .	4085 78
Deposited in Salem 5 Cents Saving Bank . . . .	875 24
Caldwell Fund in Ipswich Savings Bank . . . .	626.32
Total amount of funds, . . . . .	\$11813 59

The income since the last report is as follow to wit:

Dividends on 15 shares P. S. & P. Railroad . . . .	\$90 00
Interest from Salem Saving Bank . . . . .	38 88
Interest from Salem 5 cents Saving Bank . . . .	33 50
Interest from Ipswich Saving Bank . . . . .	153 94
Interest from Ipswich Saving Bank, Caldwell Fund . .	26 00
Interest on Town Note . . . . .	175 00
Total income . . . . .	\$517 32

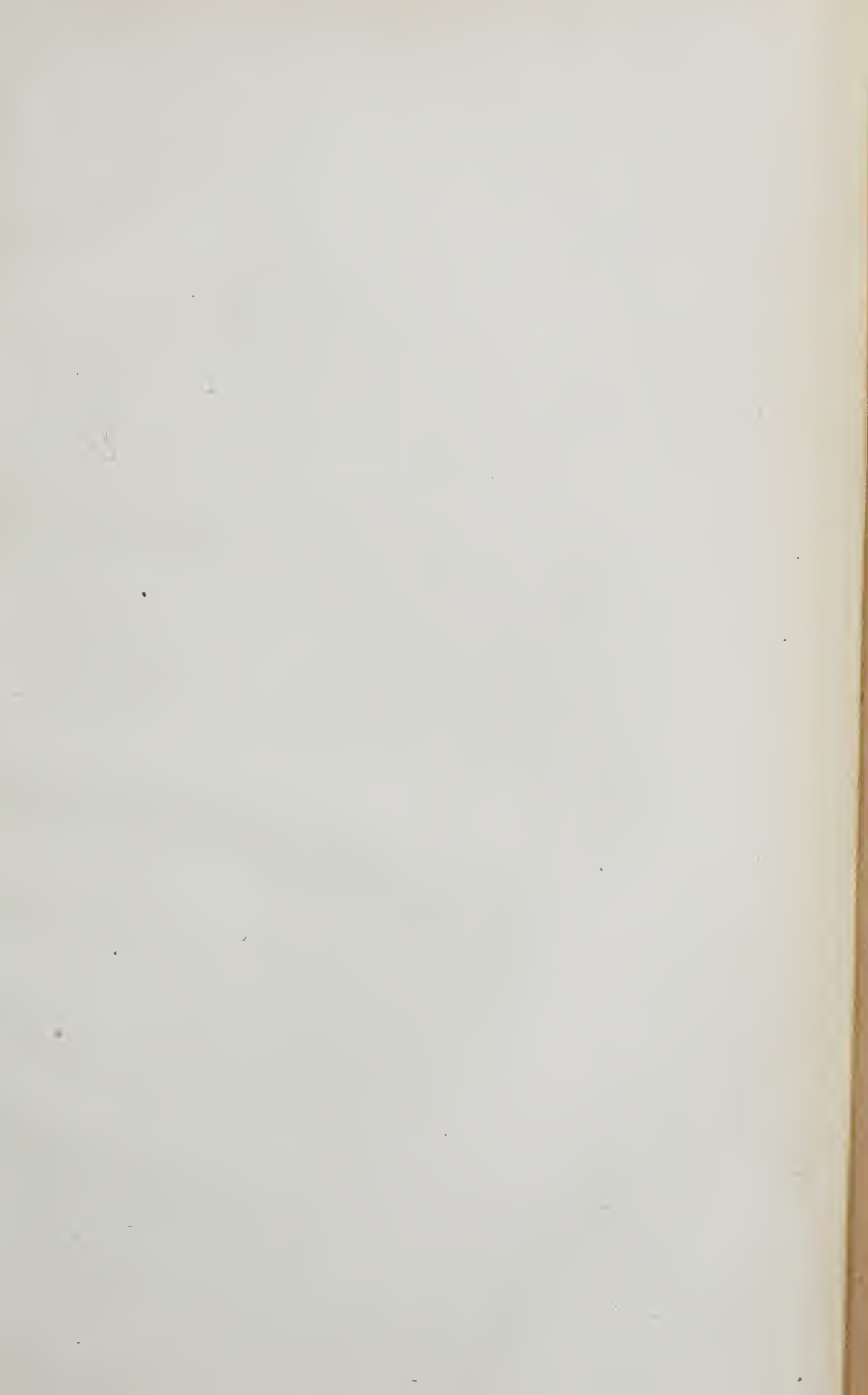
The expenses have been as follows:

Paid Laura A. Hubbard for teaching music in schools .	\$175 00
“ from Caldwell Fund for furniture in Payne school-house	86 00
	\$261 00
Balance being income over expenses . . . . .	\$256 31

Dated this 18th day of February, A. D. 1899.

CHARLES A. SAYWARD, JOHN H. COGSWELL, FRANK T. GOODHUE, FREDERIC WILLCOMB, GEORGE E. FARLEY,	} Trustees of Burley Educational Fund in Ipswich.
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